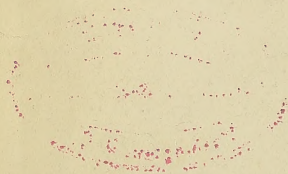


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1856

# The Book of Common Prayer...

AND

ADMINISTRATION OF THE SACRAMENTS, AND OTHER  
RITES AND CEREMONIES OF THE CHURCH,

ACCORDING TO THE USE OF

THE CHURCH OF ENGLAND.

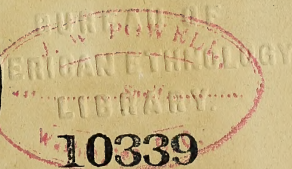
TRANSLATED INTO THE LANGUAGE OF

THE OJIBBEWAY INDIANS

IN THE DIOCESE OF MOOSONEE,

BY  
*John Horden*  
THE RIGHT REV. THE BISHOP OF MOOSONEE  
AND THE  
*John*  
REV. J. SANDERS, OF MATAWAKUMMA.

[Some of the Occasional Offices are omitted.]



SOCIETY FOR PROMOTING CHRISTIAN KNOWLEDGE,  
NORTHUMBERLAND AVENUE, CHARING CROSS, LONDON.

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1880.

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15b P b̄b̄a/Γd̄a P P9a(̄d)7ab b̄4 P .Δ̄.Δa(Lab  
 P LΓΔ5.∇Λr̄.Δσ̄a P <̄r̄.Δσ̄a b̄  
 Δ̄b̄.9̄.Δr̄P; b̄4 P b̄)r̄.Δab b̄4 P Δ̄b̄.Δr̄(̄.Δ̄r̄.Δab  
 Δ̄Δo L̄7L̄.Δ L̄b̄b̄.Δr̄b̄ P2Lσ) ΔaΛΓab (5 d̄r̄a;  
 P .Δa(Lab (5 ΔΔL̄ Δ̄b̄σ̄.Δ̄σab, PNL9a(̄-  
 .Δσab, ΓaΓa.∇4a(̄.Δσab b̄4 U.V(̄.Δσab; P  
 Γσd7ab .∇V̄a(L̄9.Δa, D PΓ Γ̄.̄N̄r̄.Δσab b̄4 D  
 5.∇aΓ9.Δσab D̄aP Δ̄a .Δ̄σd 15b PNL9a(̄-  
 .Δσab P .Δa(̄.Δ̄σd<a P2Lσ) P LΓΔ5.∇Λr̄-  
 .Δσ̄a; ∇σ̄.∇b̄ (5 Δ̄.Δ̄575 P b̄ .Δ )Γ̄̄<a  
 L̄7.Δr̄Δ)7ad̄a b̄4 (4<̄P̄b̄)7ad̄a P ̄̄̄dLab  
 Δσo D̄aP <̄Ūa .∇σ̄5̄aP̄a b̄ P Γσaeb, P  
 L̄7.∇Lab, P ma(Lab D L̄.Δr̄ Λσ ΔP).Δa, P  
 a)(L̄.Δab (5 Δσo .9dσa 9 Γ̄)̄̄d7ab P7.Δ-  
 ̄σab b̄4 P̄ Δ̄̄d̄σabx Γ(5 ΔΔo .∇r̄ <d̄yσΓ-  
 σad̄b b̄4 a(̄.∇a(L̄.Δσ̄d̄b P̄a.Δ b̄P̄a D̄L  
 ∇a(σr̄4b, P .Δ)b̄.Δ54b ΛσU∇.Δσab b̄4 PNL̄P-  
 (̄d̄r̄.Δσab P ̄r̄bLab ΔΔo P̄r̄ΔΛ.Δa <̄D̄aP̄b̄L̄b̄  
 P̄P̄5̄b̄.Δ 5.∇aΓ9.Δa, D̄D P ΔP)4b:

¶ PΓ L̄L̄ΔΔa(L̄9Δa 9 ΔP).Δ̄b̄ b̄P̄a ∇aΓΔ̄.Δ̄b̄ P ā̄Λ)(̄.Δ̄.Δ̄b̄  
 Δ̄5Γ∇ΔP̄L̄.Δ̄a b̄P̄a P .Δ̄Δr̄ā.̄b̄aΛ.Δ̄b̄x

L̄7L̄.Δ L̄b̄b̄.Δr̄7a b̄4 9r̄ 5.∇aΓ97a .∇̄r̄-  
 Γd̄7a; σ̄a P .Δ̄σ̄5̄ma b̄4 σ̄a P <9̄b̄Γa P  
 Γbσab D̄aP L̄7d̄ P .Δ̄σ̄5̄m̄.Δ̄b̄ L̄aL̄σ5̄bx D̄7L̄ L̄  
 σ̄a P maΔ)Γa ∇̄̄a(̄L̄b̄P̄a b̄4 ∇5 a(̄.∇a(̄-





b U.V4a(ΓσPα ▷ Λσ Γ.αPΓ.Δαx ΔLV 4  
αα)(L.ΔΓα P Γσααb .bLb ΓαPα.∇4a(Γ.Δσσ,  
b4 ▷ Λσ ΔΓ.bα, ▷▷ .qδσαα ααdL b )(Lαb  
Γ.αα(ΓΔdL; Γσb α 9 ΛΓΠPααα P ΔσσPαb  
b4 P Λαα.αb; Γα α ΔΛ Δα.b ΛΓΠPααα  
P ΔΠ(Lαb ▷ bP9 ΓPPP.Δα; .Δα ΔαP PαX  
UVσΓαΓαPbx

¶ ∇αΓΔ.ΔΓ α DΓαb α ΔP).Δb b4 P Δσ Δα.b4Pα bPα d(PPα  
ΔΓΔ.Δαα, ∇Γαx

¶ Γα ΔΓΔ.ΔPΓ 9 .Δ.ΔPαααα, b4 α PSp.∇ P ΔP)α UVαPqα  
Dα ΔΓΔ.Δα; ∇αΓΔ.ΔΓ b4 P .Δ.ΔP.ααα.ΔΓ, ▷ b ααα)(α.Δ.ΔΓ  
DΔΓαb b4 dL (Pα 9 ΔP)ααα.Δαb P ΔΓΔ.Δσ.Δαbα

.∇αPΓΔα PPPPααb ∇αααα, α PΓΔΛUαα.αb α Pα  
ΔSσbP.Δαx Pα ΔPΓ.Δ.Δα α αPSpαLbαx ∇Sαα-  
α.∇α(Lα α )PbU DΔL ΔPαb Γαα PPPPααbα  
ΓSααα ααdL PSpb 9 ΔαP ΛΓΠPαααα Δ.V4σ-  
ΓSαα α σ LΓΔSΓ9.Δσααα, ∇S Δ.V4σLαP.α  
ΔPα b LΓ)(α.ΔαΓαPαx qδ ΔS.ΔSααααα b.9ΠV-  
σαΠ.Δσαb; Γ.9αΓ.ΔSαα α b Γαααα: Pα  
Γ .Δα P ΠVααα ΔPΓ.Δ.Δα, b4 Lαb.ΔP.Δα,  
b4 .Δ.Δααα(Γ.Δα, bPσb b4 bPσbαx ∇Γαx

¶ b4 α α ΔP),

▷ UVαPqαα, αPαL.ΔSαα ααααααα

∇αΓΔ.ΔΓα — b4 ααααααα α αααα(Δ.∇Γb)α  
P ΓΓα.∇ααααααα



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(σ Δᾱ ΔσσLα ∇αῖῖ ρ ᾱᾱ.ΔΓα, ἔῃ Δ Ἰαῖ-  
σῖLα ῖα.∇σῖῖ<sub>x</sub>

ᾱαL ρῖββ ῖαΛα ῖ α ᾱα(ᾱ.∇.ῖα Δᾱ Δ.ᾱ.Δα,  
ῖα Lαβ.Δ)ῖα ρUΔ.ᾱ: Ἰᾱῖ ἔῃ Δῖ σᾱρΔᾱᾱ-  
σ.ᾱβ, ἔῃ ΔΔᾱ ἔῃββ ἔῃ β.ῖαVσᾱᾱσ.ᾱβ ΔΔἸ  
<β(ρΓᾱβ;

ᾱΛ ᾱᾱ.ᾱ ἔῃ β.ῖαVσΓ.ᾱῖ, ἔῃ ῖαΔ.ᾱῖ, ρ.ᾱ<α-  
ᾱ.ᾱῖ (σ σᾱ ᾱρ.Δαα<sub>x</sub>

σΓα (ρ ρρ.Δαα σᾱ ρ ΓᾱῖUα(ΓΔᾱ Δᾱ  
VἸᾱᾱ.ᾱῖ, ἔῃ (σ ᾱ ρ Δᾱ: Γ ῖ Δᾱ VἸᾱᾱ.ᾱῖ  
ἔῃ βρ<ᾱᾱ.ᾱῖ ΔUΔ.ᾱβ, ἔῃ ῖ Δ ρ ρῖα(ῖα.ᾱ ᾱᾱ  
Δᾱᾱ.Δσσ<sub>x</sub>

Γ ῖ Δᾱ ἔῃ Δαρβ σ σᾱῖUα(ᾱ.Δσᾱ: ρ Λαᾱ-  
ῖᾱ ΔΔL σᾱ ᾱ.ᾱ.Δσᾱ<sub>x</sub>

α ρῖ Λῖῖαᾱᾱ. ∇ᾱῖῖΓαῖ, ἔῃ ∇.ρῖῖΓαῖ, ἔῃ  
<σῖῖ ᾱῖῖ;

ἔῃ Δῖ ∇<ᾱᾱ<ᾱα Δῖβ)ῖ, ᾱαL Δῖ.∇<ῖ, ἔῃ  
ἔῃσῖ ῖ ᾱσ Δῖ.∇<ῖ ἔῃρῖβΓβ<sub>x</sub> ∇ῖα<sub>x</sub>

¶ Γ (σ ῖ Δᾱ)ᾱσ.ᾱβ ΔΔᾱ ρῖββ σῖᾱΔα, ΔΔ ἔῃ (Δᾱ)ᾱ-  
σ.ᾱ Δῖβ ᾱρῖῖUᾱᾱ βᾱ αῖᾱΔα,

α ρῖ Λῖῖαᾱᾱ. ∇ᾱῖῖΓαῖ, ἔῃ ∇.ρῖῖΓαῖ, ἔῃ  
<σῖῖ ᾱῖῖ;





$$\dot{b} \leq \dot{\sigma} r^b \triangleq \dot{b}: \dot{b} \Gamma_{\sigma} \cup \nabla \Delta \cdot \nabla^b_x$$
$$\dot{p}_a \cdot \nabla p \dot{L}_{ba}(L_a \wedge \mathcal{S} q_a \dot{c} d r \cdot \Delta_a : \triangleright \mathbf{X}_x$$
$$\dot{\rho}_a \dot{\sim} \dot{b} \rho_{\sigma^b} \rho^c \triangleright . \rho \dot{\gamma} \Gamma^b : . \nabla \dot{\prec} \dot{\gamma} \Gamma^a u_x$$

$\Delta \wedge \dot{b} \wedge \wedge \dot{L} \dot{P} \dot{Q} \dot{C} \vee \dot{L} \dot{N} \dot{P} \dot{Q} \dot{b} : \dot{b} \cdot \Delta \dot{a} \rho \rho \dot{Q} \dot{a} -$   
 $\cdot \nabla \dot{a} \dot{C} \dot{a} \dot{D} \dot{a} \rho \sigma \rho \cdot \dot{Q} \dot{a} \dot{b} \text{ } \rho \dot{D} \dot{a} \dot{P} \dot{L} \dot{a} \dot{x}$

$\Delta \wedge \dot{b} \rho \dot{\bar{L}}\dot{\bar{L}}\dot{\bar{S}}\dot{\bar{J}}\dot{\bar{L}}^a qf \cdot \Delta h q^a \dot{c} b^b \sigma > \cdot \Delta^a : \rho \rho$   
 $< \dot{b} d q L \cdot \dot{q}^b \rho f p s^b \triangleright \rho \dot{\bar{L}} \cdot \Delta \cdot \Delta \sigma \sigma b \rho_q \dot{c} \leftarrow V \leftarrow c a p_b x$

$$P_{\alpha L}(\langle \Delta \Delta_L \rangle \triangleright P \sigma \rho b^{ab} P \mathcal{L} \sigma): \triangleright \wedge \mathcal{S} q_{\alpha} -$$

$$(\partial \rho \cdot \Delta \sigma^{ab} \cdot \nabla \leq \rho \Gamma^{ab} x$$
$$\sigma_a \cup v_{\alpha}(\Gamma_a) \cap \Delta \neq \emptyset : \Gamma \cap \langle d\sigma \rangle_{a,b_x}$$

$\Gamma \vdash \langle s \cdot \nabla \Gamma \leq d \Gamma \sigma \Gamma \sigma \dot{a}^b \Gamma \cdot \Delta \rangle b \cdot \Delta \cdot C \quad \rho \leq \Gamma \dot{C}$   
 $b \dot{a}^b : \Delta \rho \dot{b} \quad \rho \leq \Lambda \dot{a} \dot{a} \cdot C \quad \Delta \dot{a} \dot{o} \quad q \Gamma \Delta \wedge U \dot{a} \dot{C} \cdot b \dot{b} \quad \rho$   
 $\Gamma \vdash \dot{\rho} L_x$

$$\Delta \sigma \Gamma^b \hookrightarrow \Gamma(\mathbb{C}^b \Gamma^a, \mathbb{C}) \Delta \Delta L \rho \wedge \sigma \Delta \sigma \sigma \Gamma^a b:$$

$$\dot{b} \rho \sigma^b \wedge \mathcal{S} g^a(\dot{d}) \cdot \Delta \sigma^a b_x$$
$$\triangleright UV^a \Gamma^b \triangleright^a, \wedge \dot{L} \Gamma \Delta^b \rho^c \Delta \sigma \sigma L^b: \dot{b} \leq \zeta \cdot \nabla \sigma \Gamma^b$$

$$UV_{\sigma} L \cdot \dot{\zeta}_x$$
$$\cap V_{\sigma} \Gamma_{d^b}: \dot{b} \leq \triangleright \wedge \sigma_{d^b} \dot{b} \rho_{\sigma^b x}$$
$$\nabla_a C^b \rho^a{}_b : \rho \cdot \dot{\Delta} \cdot \Delta \mathcal{L} \sigma \Gamma \sigma \dot{\Delta}^a ;$$

$\dot{b} \leq \sigma \cdot \Delta P \dot{\Gamma}^a \rho^c \Delta S \dot{\sigma} b \cdot \Delta^a : \dot{b} \rho q b \Gamma^b_x$   
 $\triangleleft P U^a \dot{C} L \cdot \Delta S \dot{a}^a, \triangleright U V^a \Gamma q \dot{\Gamma}^a : \Gamma b \cdot \nabla \sigma \Gamma^i \dot{\Gamma}^a b$   
 $\dot{\sigma}^a d L \rho S b b \Gamma L \Gamma \Delta S \Gamma q \dot{\Gamma}^a \dot{\Gamma}^a b_x$

▷ UV<sup>a</sup>f<sup>q</sup>g<sup>a</sup>,  $\nabla \sigma \Gamma \dot{\Sigma}^a$ :  $\nabla \sigma \Gamma \dot{\Sigma}^a_x$

▷ UV<sup>2</sup>rfq<sup>2</sup>, L<sub>0</sub> ∧ σ'  $\alpha$  L · Δσ<sup>2</sup> ρ<sub>0</sub> ∇<sup>2</sup>rfq · Δ<sub>0</sub>  
 ρ<sub>0</sub> ΔVσ<sub>0</sub> L<sub>0</sub> · Δσ<sup>2</sup> h<sub>x</sub>







ሕገመንግሥት፡ ሕገ ሀ.ህ.ወ.ወ. ለገጠራ ልጅ ሕገመንግሥት ለገጠራ ልጅ

ር የሚረገጥ ልጅ ሕገመንግሥት ሕገመንግሥት ሕገመንግሥት ሕገመንግሥት

ፊ ልጅ ሕገመንግሥት ሕገመንግሥት ሕገመንግሥት ሕገመንግሥት ሕገመንግሥት

¶ ለ ሕገመንግሥት ሕገመንግሥት ሕገመንግሥት ሕገመንግሥት ሕገመንግሥት

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ፊ ሕገመንግሥት ሕገመንግሥት ሕገመንግሥት ሕገመንግሥት ሕገመንግሥት

¶ Γ (∞ DD ΔΓΔΔa<sup>c</sup> bPa ·ΔΔPa·baA·Δ<sup>b</sup> ΔΓΔΔPΔ σC (AP) P PS·∇<sub>c</sub>,

ΔV(∞ UVaPq<sup>c</sup> ·ΔP·Δσ<sup>b</sup><sub>x</sub>

ΔΓΔΔ<sub>x</sub> — b<sub>4</sub> Δ b ·ΔP·Δ<sup>c</sup> P<sup>c</sup> ΔΔ<sub>x</sub>·ba<sub>x</sub>

ΔΓΔ·ΔPΔ<sub>x</sub> — ΔLV ΔΓΔΔ<sub>x</sub>

UVaPq<sup>b</sup>, Δ·∇σΓΔ<sub>x</sub>

X, Δ·∇σΓΔ<sub>x</sub>

· UVaPq<sup>b</sup>, Δ·∇σΓΔ<sub>x</sub>

¶ Γ (∞ ΔΓΔΔPΔ b<sub>4</sub> ∇aΓΔ<sup>b</sup> Δ ΔP)·Δ<sup>b</sup> UVaPq<sup>b</sup> Δ<sup>c</sup> ΔΓΔΔ<sup>a</sup> P PS·∇·Δ<sup>b</sup><sub>x</sub>

·∇ΔΓΔ<sup>b</sup> PSΔ<sup>b</sup> ∇aΔ<sup>b</sup>, ( PΔΔAUA<sup>c</sup>·b<sup>c</sup> P<sup>c</sup> Δσ<sup>b</sup>·Δ<sub>x</sub> P<sup>c</sup> ΔPΔ<sup>c</sup>·Δ·Δ<sup>c</sup> (C·PΔΔΔ<sup>b</sup><sub>x</sub> ∇Δa<sup>c</sup>·∇aCΔ<sup>c</sup> ( ΔPΔ DDΔ ΔP<sup>b</sup> Δ<sup>b</sup> PΔPΔΔ<sub>x</sub> ΓΔΔ<sup>c</sup> Δ<sup>c</sup>Δ<sub>x</sub> PS<sup>b</sup> Δ ΔaP ΔΔΔ<sup>b</sup><sub>x</sub> Δ·V<sup>c</sup>·σΓΔ<sup>c</sup> (∞ σ ΔΓΔΔPq·Δσ<sup>c</sup>·∇Δ Δ·V<sup>c</sup>σΔ<sup>c</sup>·ΔP<sup>c</sup> ΔP<sup>c</sup> b ΔP<sup>c</sup>·ΔΓΔ<sup>c</sup> P<sup>c</sup> Δ ΔS·ΔSΔ<sup>b</sup>·Δ<sup>c</sup> b·qΔ·Vσ<sup>c</sup>·Δσ<sup>b</sup>; Γ<sup>c</sup>·qΔΔ·ΔS<sup>c</sup> (∞ b Δ<sup>c</sup>·Δ<sub>x</sub> ∇Δ<sub>x</sub>

¶ Γ (∞ ΔΓΔΔPΔ DD ( ΔP) P σ<sup>c</sup>Δ<sub>x</sub>

Δ UVaPq<sup>b</sup>, Δ<sup>c</sup>·Δ<sup>c</sup>ΔS<sup>c</sup> P Δ·∇aPq·Δ<sup>c</sup>:

∇aΓΔ<sup>b</sup>Δ<sub>x</sub> — b<sub>4</sub> ΓΔS<sup>c</sup> P ΔΔPΔ·∇·Δ<sub>x</sub>

ΔΓΔ·ΔPΔ<sub>x</sub> — Δ UVaPq<sup>b</sup>, ΔΔPΔ PΔPΔ<sup>c</sup>·q,

∇aΓΔ<sup>b</sup>Δ<sub>x</sub> b<sub>4</sub> Δ·∇Pq ΔP<sup>c</sup>·ΔS<sup>c</sup> ΔΔ Δ<sup>c</sup>·Δσ<sup>c</sup>·Δ<sub>x</sub>









[illegible]

2 d<sub>h</sub><sup>a</sup>∇·Δσσ·∇<sup>b</sup> xiii.

▷  $\dot{\zeta} \cdot \nabla \alpha \Gamma \theta \cdot \Delta \alpha$  ከ  $\triangleleft \triangleleft \circ$   $UV \sigma \Gamma \alpha \alpha^b$   $\Gamma \zeta$  **X**, ከ  $\triangleleft$  ▷  
 $\dot{\zeta} \rho \Delta \cdot \nabla \cdot \Delta \alpha$   $\rho \mathcal{L} \sigma$ ), ከ  $\triangleleft$  ▷  $\cdot \Delta \Gamma \rho \cdot \nabla \Delta \alpha \cap \cdot \Delta \alpha$   $\triangleleft \sigma \Gamma^b$   
 $\triangleleft \dot{\zeta}^b$  ከ  $\rho \sigma^b$  ከ  $\rho \alpha$   $\rho$  ከ  $\cdot \Delta \cdot \Delta \Gamma \cdot \Delta \theta \dot{\zeta} \alpha_x$   $\nabla \Gamma \alpha_x$

$$9 \Delta S \triangleright \dot{a} d S \triangleleft \dot{\gamma} \Gamma \triangleleft_{a,b} \nabla_{aC} \rho S b^b_x$$
[illegible]

$\triangleleft \wedge \dot{\triangleleft} \circ \nabla \Gamma \Delta \mathcal{J} \cdot \nabla \wedge \mathcal{P}^{\mathfrak{u}} \cdot \dot{\triangleleft} \mathcal{A} \wedge \mathfrak{a} \mathfrak{p} \mathfrak{a} \triangleright \mathcal{L} \Gamma \Delta \mathcal{J} \cdot \nabla$   
 $\wedge \mathcal{P} \cdot \Delta \mathfrak{a} \ \mathfrak{b} \ \Delta \mathcal{J} \Gamma \mathfrak{q}^{\mathfrak{u}}, \ \mathfrak{J}(\mathfrak{a} \mathfrak{b} \ \mathfrak{C}^{\mathfrak{s}} \ \Delta \Delta \circ \ \nabla \Delta \dot{\mathfrak{a}} \mathfrak{d} \sigma \mathfrak{q} \mathfrak{a} \mathfrak{b}$   
 $\mathfrak{b} \mathcal{A} \ \Delta \Delta \circ \cdot \nabla \sigma \mathcal{J} \mathcal{J} \mathfrak{a} \mathfrak{b}, \ \triangleright \ \mathfrak{b} \ \wedge \dot{\mathcal{L}} \Gamma \dot{\triangleleft} \mathfrak{a} \ \triangleright^{\mathfrak{c}} \ \dot{\triangleleft} \dot{\mathfrak{u}} \cdot \mathfrak{b} \mathfrak{e}_{\mathfrak{x}}$   
 Ezek. xvii. 27.

$\sigma \cdot \dot{\Delta} \cdot \Delta^e \dot{\Delta}^e \sigma \text{ L} \Gamma \Delta \mathcal{F} \cdot \nabla \wedge \rho \cdot \Delta^e \Delta^e, b \leq \sigma < \dot{\Delta} \rho \cdot \Delta^e$   
 $\text{L} \zeta^b \dot{\sigma}^e \triangleright^e \rho \zeta^b \cdot \Delta \dot{\Delta}^e \Delta^e_x \quad \text{Psalm li. 3.}$

ḅḥḥḥ ḥ ḤḤḤḤ.ḤḤḤḤ.ḤḤḤḤ, ḅḥḤḤḤḤ.ḤḤḤḤ ḅḥ  
 ḅḥḤ ḥ ḤḤḤḤ.ḤḤḤḤ Psalm li. 9.











·Δα ρ ∇Vα(α ▷PL·Δ·Δα, b4 Lαb·Δρ·Δα, b4  
·Δ5Δ2α(Δ·Δα, bρσb b4 bρσbx ∇7αx

¶ b4 α α Δρ),

▷ UVαρ95α, <ραL·Δ5Δα σα)σΔσαx

∇5ΓΔ5·Δ5x — b4 σα)σΔσα (·Δ5α(Δ·∇Lb)α  
ρ LΔ5·∇α(δρ·Δαx

Δ5Γ∇·ΔρLx — ▷ ρ2Lσ), ·∇·Δ< ΛLρΔ5Δαx

∇5ΓΔ5·Δ5x — ▷ UVαρ95α, ·∇·Δ< Λ·Δ)Δ5Δαx

¶ ▷ΔL α bρα σ<Δ·Δ5 Δ5Γ∇ΔρL α Δρ),

α ρρ Λ59α(δρ ·∇αρΓαb, b4 ·∇·ρρΓαb, b4  
<σρb ΔLb;

∇αΓΔ5·Δ5x — b Δ5 ·∇<αδ<αα ▷αb)b, ααδL  
Δ5·∇<α, b4 bρσb 9 Δσ Δ5·∇<α bρ9bΓbx  
∇7αx

Δ5Γ∇·ΔρLx — LΔ5·∇Γb UVαρ9bx

∇5ΓΔ5·Δ5x — UVαρ9b ▷α Δ5σbρ·Δα (·Δ LΔ5·  
∇αρbUσbx

¶ Γ α 9 Δρ)Δσ·Δαb ΔΔ° ρ5bb σbΔΔααx Γ α ρραΔL9Δα  
9U bρραΠΔσ LραΔbσαb Δαρ, L5 ΔΔ° b ρ ΔαραρbUbx <σL α  
▷Δ, ΔΔ° σbΔΔα LbσΔbα, Γ 5 ΔΔ° ▷ σbΔΔα b α·∇α(δρb  
Δαρσρ·9 Γαx

σαα ΔLb ▷ ·Δ5Δ2σLα UVαρ9σραx

<σρb Δb. i. 46.

σαα ΔLb ▷ ·Δ5Δ2σLα UVαρ9σρα : b4 σαUΔ  
▷ Δρρρ(δα ρ2Lσ) ∇LρΔbx





¶ Γ <sup>5</sup> ρ<sub>5</sub>◁<sub>5</sub>◁<sub>5</sub>Δ<sub>5</sub> ▷<sub>5</sub>ρ<sub>5</sub> b<sub>5</sub>ρ<sub>5</sub>◁<sub>5</sub>Δ<sub>5</sub> ◁<sub>5</sub>ρ<sub>5</sub>Δ<sub>5</sub>b<sub>5</sub>σ<sub>5</sub><sup>ab</sup> ▷<sub>5</sub>ρ<sub>5</sub><sub>x</sub> ρ<sub>5</sub><sup>5</sup>.b  
◁<sub>5</sub>ρ<sub>5</sub>◁<sub>5</sub>b<sub>5</sub>U<sub>5</sub><sup>b</sup>, <sup>ab</sup> ρ<sub>5</sub>Γ<sub>5</sub><sup>b</sup>, Γ <sub>5</sub> Δ<sub>5</sub>◦ ▷<sub>5</sub> σ<sub>5</sub>b<sub>5</sub>Δ<sub>5</sub> ρ<sub>5</sub>Γ<sub>5</sub><sup>5</sup><sub>x</sub>

◁<sub>5</sub>◁<sub>5</sub>Δ<sub>5</sub> ρ ◁<sub>5</sub>ρ◁<sub>5</sub>◁<sub>5</sub> ρ ◁<sub>5</sub>Γ◁<sub>5</sub>b<sub>5</sub><sub>x</sub> ◁<sub>5</sub>σ<sub>5</sub>ρ<sub>5</sub> <sup>5</sup>b. 2. 29.

UV<sub>5</sub>ρ<sub>5</sub>q<sub>5</sub><sub>5</sub>, ◁<sub>5</sub>◁<sub>5</sub>Δ<sub>5</sub> ρ ◁<sub>5</sub>ρ◁<sub>5</sub>◁<sub>5</sub> ρ ◁<sub>5</sub>Γ◁<sub>5</sub>b<sub>5</sub> ρ <sup>5</sup>l<sub>5</sub><sup>5</sup>  
Λ<sub>5</sub>◁<sub>5</sub>◁<sub>5</sub>⊂<sub>5</sub>·Δ<sub>5</sub>σ<sub>5</sub><sup>ab</sup> : <sup>5</sup>l<sub>5</sub> <sub>5</sub> ρ Δ<sub>5</sub>ρ<sub>5</sub><sub>5</sub><sub>x</sub>

◁<sub>5</sub>><sub>5</sub> σ<sub>5</sub>ρ<sub>5</sub>σ<sub>5</sub>Δ<sub>5</sub><sup>ab</sup> σ<sub>5</sub> ρ ▷<sub>5</sub>ρ<sub>5</sub> ·◁<sub>5</sub>◁<sub>5</sub>◁<sub>5</sub>Δ<sub>5</sub>◦ ρ Λ<sub>5</sub>l<sub>5</sub>ρ<sub>5</sub>  
Δ<sub>5</sub>·▽<sub>5</sub>·Δ<sub>5</sub>,  
b ρ ·◁<sub>5</sub>·▽<sub>5</sub>ρ<sub>5</sub>ρ<sub>5</sub><sub>5</sub> Δ<sub>5</sub>Δ<sub>5</sub>l<sub>5</sub> ▽<sub>5</sub>◁<sub>5</sub>◁<sub>5</sub>Γ<sub>5</sub><sup>5</sup>·q<sub>5</sub>◁<sub>5</sub>◁<sub>5</sub> bρ<sub>5</sub>  
V<sub>5</sub>l<sub>5</sub>ρ<sub>5</sub>·◁<sub>5</sub>;

Δ<sub>5</sub>◦ ·◁<sub>5</sub>·Δ<sub>5</sub> ρ ·◁<sub>5</sub>◁<sub>5</sub>Δ<sub>5</sub>l<sub>5</sub>·◁<sub>5</sub> Δ<sub>5</sub>ρ<sub>5</sub> <sup>5</sup>l<sub>5</sub><sup>5</sup> Δ<sub>5</sub>σ<sub>5</sub>  
σ<sub>5</sub>·◁<sub>5</sub><sup>b</sup> : b<sub>5</sub> q ▷<sub>5</sub>ρ<sub>5</sub> ρU<sub>5</sub>◁<sub>5</sub>◁<sub>5</sub>Δ<sub>5</sub>·◁<sub>5</sub> Δ<sub>5</sub>ρ<sub>5</sub> ρ<sub>5</sub><sup>c</sup> Δ<sub>5</sub>σ<sub>5</sub>σ<sub>5</sub>l<sub>5</sub><sup>b</sup>  
Δ<sub>5</sub><sup>5</sup>·U<sub>5</sub>Δ<sub>5</sub><sup>5</sup><sub>x</sub>

⊂ ρ<sub>5</sub> Λ<sub>5</sub>σ<sub>5</sub>q<sub>5</sub>◁<sub>5</sub>Δ<sub>5</sub> ·▽<sub>5</sub>◁<sub>5</sub>ρ<sub>5</sub>Γ<sub>5</sub><sup>ab</sup>, b<sub>5</sub> ·▽<sub>5</sub>·ρ<sub>5</sub>ρ<sub>5</sub>Γ<sub>5</sub><sup>ab</sup>, b<sub>5</sub>  
◁<sub>5</sub>σ<sub>5</sub>ρ<sub>5</sub> ◁<sub>5</sub>l<sub>5</sub><sup>b</sup><sub>x</sub>

b Δ<sub>5</sub> ·▽<sub>5</sub>◁<sub>5</sub>◁<sub>5</sub>Δ<sub>5</sub>◁<sub>5</sub>◁<sub>5</sub>▷<sub>5</sub>(b)<sub>5</sub>, ◁<sub>5</sub>◁<sub>5</sub>Δ<sub>5</sub> Δ<sub>5</sub>·▽<sub>5</sub>◁<sub>5</sub><sup>c</sup>, b<sub>5</sub>  
bρ<sub>5</sub>σ<sub>5</sub> q ◁<sub>5</sub>σ Δ<sub>5</sub>·▽<sub>5</sub>◁<sub>5</sub><sup>b</sup> bρ<sub>5</sub>q<sub>5</sub>b<sub>5</sub>Γ<sub>5</sub><sup>b</sup><sub>x</sub> ▽<sub>5</sub>Γ<sub>5</sub><sup>5</sup><sub>x</sub>

¶ b<sub>5</sub>l<sub>5</sub> ▷▷ σ<sub>5</sub>b<sub>5</sub>Δ<sub>5</sub><sup>5</sup><sub>x</sub>

ρ<sub>5</sub>l<sub>5</sub>σ<sub>5</sub> ρ◁<sub>5</sub>l<sub>5</sub>q<sub>5</sub>σ<sub>5</sub>Γ<sub>5</sub>σ<sub>5</sub>Δ<sub>5</sub><sup>5</sup><sub>x</sub> σ<sub>5</sub>b<sub>5</sub>·Δ<sub>5</sub> 67.

ρ<sub>5</sub>l<sub>5</sub>σ<sub>5</sub> ρ◁<sub>5</sub>l<sub>5</sub>q<sub>5</sub>σ<sub>5</sub>Γ<sub>5</sub>σ<sub>5</sub>Δ<sub>5</sub><sup>5</sup>, b<sub>5</sub> ◁<sub>5</sub>·▽<sub>5</sub>σ<sub>5</sub>Γ<sub>5</sub>σ<sub>5</sub>Δ<sub>5</sub><sup>5</sup> : b<sub>5</sub>  
·◁<sub>5</sub>◁<sub>5</sub>◁<sub>5</sub>Δ<sub>5</sub>σ<sub>5</sub>Δ<sub>5</sub><sup>5</sup> ▽<sub>5</sub> ·◁<sub>5</sub>◁<sub>5</sub>ρ<sub>5</sub><sup>5</sup>·q<sub>5</sub><sub>5</sub>, b<sub>5</sub> ρ◁<sub>5</sub>l<sub>5</sub>q<sub>5</sub>σ<sub>5</sub>Γ<sub>5</sub>  
σ<sub>5</sub>Δ<sub>5</sub><sup>5</sup> :

ρ<sub>5</sub><sup>c</sup> Δ<sub>5</sub>σ<sub>5</sub>ρ<sub>5</sub>·Δ<sub>5</sub> ρ ρ<sub>5</sub>q<sub>5</sub>◁<sub>5</sub>·b<sub>5</sub> ▷▷l<sub>5</sub> ◁<sub>5</sub>ρ<sub>5</sub><sup>ab</sup> : ρ  
Λ<sub>5</sub>l<sub>5</sub>ρ<sub>5</sub>Δ<sub>5</sub>·▽<sub>5</sub>·Δ<sub>5</sub>σ<sub>5</sub> ρ ρ<sub>5</sub>q<sub>5</sub>⊂<sub>5</sub>·◁<sub>5</sub> bρ<sub>5</sub> ▽<sub>5</sub>◁<sub>5</sub>b<sub>5</sub>◁<sub>5</sub>ρ<sub>5</sub>·◁<sub>5</sub>  
Δ<sub>5</sub>σ<sub>5</sub>σ<sub>5</sub>·◁<sub>5</sub><sub>x</sub>



P ፩፩፩.፩፩፩.፩፩፩, P ፩፩፩ ፩፩፩፩፩፩፩; ፩፩፩፩፩፩፩ (፩  
 P ፩፩፩፩፩, P፩፩፩፩፩ P ፩፩፩, ፩፩፩፩ (፩ ፩፩፩ ፩፩፩-  
 ፩፩፩፩ P፩፩፩) ፩፩፩. ፩፩፩፩፩ ፩፩፩፩፩ ፩፩፩፩፩፩፩; ፩  
 (፩ ፩፩፩፩፩ ፩ ፩፩፩፩፩፩ ፩ ፩፩፩፩፩ ፩፩፩፩፩፩፩ ፩፩  
 ፩፩፩፩፩፩

$\frac{1}{2} U \cdot V_{\text{max}} \Delta t \leq \sigma \cdot \Delta t$ ;  $b_1 \Delta t \leq b_2$   
 $\cdot b_2 \Delta t \leq \frac{1}{2} U \cdot V_{\text{max}} \Delta t$ ;  $b_1 \cdot \Delta t \leq \sigma \cdot \Delta t$   
 $\cdot \Delta t \leq \frac{1}{2} U \cdot V_{\text{max}} \Delta t$ ;  $\Delta t \leq \frac{1}{2} U \cdot V_{\text{max}} \Delta t$   
 $\cdot \Delta t \leq \frac{1}{2} U \cdot V_{\text{max}} \Delta t$ ,  $b_1 \Delta t \leq \sigma \cdot \Delta t$

¶ Γ σ ΔΔ ΔΓΔΔ<sup>a</sup> bpa .ΔΔP<sup>a</sup>.baΛ.ΔΔ ΔΓΔΔPΔ σΔ Δ  
ΔP) P PS·Vx

$$\Delta V(\zeta) = UV_{\text{eff}}(\zeta) \cdot \Delta \rho \cdot \Delta \sigma \cdot \tau^b_x$$
$$\nabla_{\mathbf{a}} \Gamma \dot{\Delta} \cdot \dot{\Delta}^{\mathbf{b}}_{\mathbf{x}} = \mathbf{b} \triangleleft \triangleright \mathbf{b} \cdot \Delta \mathcal{I} \cdot \dot{\Delta}^{\mathbf{a}} \rho^c \dot{\Delta} \mathbf{l} \cdot \mathbf{b}^{\mathbf{a}}_{\mathbf{x}}$$
$$\Delta \rho \nabla \cdot \Delta \rho \dot{L}_x - \Delta L V \Delta \rho \dot{C}_{a_x}$$

UV<sup>a</sup>fg<sup>b</sup>,  $\zeta \cdot \nabla \sigma \Gamma \dot{\sigma}^a_x$

$$X, \quad \zeta \cdot \nabla \sigma \Gamma \int \dot{a} a_x$$

UV<sup>2</sup>970, 5.7σΓJ<sup>2</sup>ax

¶ Γ (⁂ ΔΓ∇ΔΡΔL b4 ∇aΓΔ.ΔL 9 ΔΡ).ΔL UV⁂Ρ⁂ Δc ΔΓΔΔ⁂  
 ρ ρS.∇.ΔLx

[illegible]

σL<sup>a</sup>ρ.ċ Δρ<sup>o</sup> ḃ L<sup>o</sup>ΓċΔΓ<sup>a</sup>ρ<sup>c</sup> qd ΔS.ΔS<sup>b</sup>ḃ<sup>a</sup>q<sup>a</sup>  
 b. qN<sup>a</sup>Vσ<sup>a</sup>Γ.Δσ<sup>ab</sup>; Γċ. q<sup>a</sup>L.ΔS<sup>a</sup>ḃ<sup>a</sup> (S b L<sup>a</sup>ḃ<sup>a</sup>ρ<sup>a</sup><sub>x</sub>  
 ∇Γ<sup>a</sup><sub>x</sub>

¶ Γ (S ΔΓ∇ΔP<sup>L</sup> ΔΔ C ΔP) P σ<sup>a</sup>Δ<sup>b</sup><sub>x</sub>

▷ UV<sup>a</sup>ρ<sup>a</sup>q<sup>a</sup>, Δ<sup>a</sup>ḃ<sup>a</sup>ΔS<sup>a</sup>ḃ<sup>a</sup> ρ S. ∇<sup>a</sup>ρ<sup>a</sup>q. Δ<sup>a</sup><sub>x</sub>  
 ∇<sup>a</sup>ΓΔ<sup>a</sup>. Δ<sup>b</sup><sub>x</sub> — b<sup>a</sup> ΓS<sup>a</sup>ḃ<sup>a</sup> ρ Λ<sup>a</sup>L<sup>a</sup>ΓΔ. ∇. Δ<sup>a</sup><sub>x</sub>  
 ΔΓ∇. ΔP<sup>L</sup><sub>x</sub> — ▷ UV<sup>a</sup>ρ<sup>a</sup>q<sup>a</sup>, Λ<sup>a</sup>L<sup>a</sup> P<sup>a</sup>ΔP<sup>a</sup>  
 L<sup>a</sup>. q;

∇<sup>a</sup>ΓΔ<sup>a</sup>. Δ<sup>b</sup><sub>x</sub> — b<sup>a</sup> S. ∇<sup>a</sup>ρ<sup>a</sup>q. Δ Λ<sup>a</sup>ρ<sup>a</sup>ḃ<sup>a</sup>ΔS<sup>a</sup>ḃ<sup>a</sup> ΔΛ  
 Δ<sup>a</sup>Γ∇ċ. Δσ<sup>a</sup>ḃ<sup>a</sup><sub>x</sub>

ΔΓ∇. ΔP<sup>L</sup><sub>x</sub> — Γσ<sup>d</sup> ρ<sup>c</sup> ΔΓ∇. ΔP<sup>L</sup>L<sup>b</sup> . b<sup>a</sup>. ḃ<sup>a</sup>.  
 N<sup>a</sup>. Δσσ;

∇<sup>a</sup>ΓΔ<sup>a</sup>. Δ<sup>b</sup><sub>x</sub> — J<sup>a</sup>ρ<sup>a</sup>q<sup>a</sup>(ΓΔ<sup>d</sup> S b bP<sup>a</sup>N<sup>a</sup>. C ρ<sup>c</sup>  
 ΔσσL<sup>b</sup><sub>x</sub>

ΔΓ∇. ΔP<sup>L</sup><sub>x</sub> — ▷ UV<sup>a</sup>ρ<sup>a</sup>q<sup>a</sup>, Λ<sup>a</sup>L<sup>a</sup>ΓΔ<sup>d</sup> ρ<sup>c</sup> Δσ<sup>a</sup>.  
 σL<sup>b</sup>;

∇<sup>a</sup>ΓΔ<sup>a</sup>. Δ<sup>b</sup><sub>x</sub> — b<sup>a</sup> S. ∇σΓ<sup>d</sup> Δρ<sup>o</sup> UVσL. ċ<sub>x</sub>  
 ΔΓ∇. ΔP<sup>L</sup><sub>x</sub> — ΓP. ∇ Λ<sup>a</sup>σ<sup>a</sup>Γ. Δ<sup>a</sup>, ▷ UV<sup>a</sup>ρ<sup>a</sup>q<sup>a</sup>,  
 Δ<sup>a</sup>d<sup>a</sup> b<sup>a</sup> q Δd Λ<sup>a</sup>L<sup>a</sup>N<sup>a</sup>ḃ<sup>a</sup>;

∇<sup>a</sup>ΓΔ<sup>a</sup>. Δ<sup>b</sup><sub>x</sub> — ḃ<sup>a</sup> L Δ. Δ<sup>b</sup> σ Γ<sup>b</sup>Γ(L<sup>a</sup>d<sup>a</sup>ḃ<sup>a</sup>, ḃ<sup>a</sup>  
 ∇(▷ P<sup>a</sup>Lσ)<sub>x</sub>

ΔΓ∇. ΔP<sup>L</sup><sub>x</sub> — ▷ P<sup>a</sup>Lσ), Λσ<sup>a</sup>ḃ<sup>a</sup>ΔS<sup>a</sup>ḃ<sup>a</sup> ḃ<sup>a</sup> UΔ<sup>a</sup>.  
 ḃ<sup>a</sup>σ<sup>a</sup> Λ<sup>a</sup>ρ<sup>a</sup>;

∇<sup>a</sup>ΓΔ<sup>a</sup>. Δ<sup>b</sup><sub>x</sub> — b<sup>a</sup> qd L<sup>b</sup>ΓS<sup>b</sup>ḃ<sup>a</sup>q<sup>a</sup> ρ Λσ Δ<sup>b</sup><sub>x</sub>



¶ Γ (≈ 9 Δ<sub>5</sub>)<sup>ab</sup> Δ<sub>5</sub><sup>o</sup> σ<sub>1</sub><sup>2</sup> Δ<sub>1</sub>ΓΔ<sub>2</sub><sup>a</sup>, ΔΔ<sup>o</sup> ρ<sub>5</sub>b<sub>5</sub> Δ<sub>1</sub>ΓΔ<sub>2</sub><sup>a</sup>, ḡ<sub>4</sub> ΔΔ<sup>o</sup> Λ<sub>1</sub>σ<sub>1</sub>Δ<sub>5</sub> Δ<sub>1</sub>ΓΔ<sub>2</sub><sup>a</sup>, ḡ<sub>4</sub> ρ<sub>5</sub> α<sub>5</sub>σ<sub>1</sub>Δ<sub>5</sub>·Δ<sub>1</sub>Δ<sub>5</sub><sup>o</sup> ΔΔ<sup>o</sup> Λ<sub>1</sub>Δ<sub>5</sub> Δ<sub>1</sub>ΓΔ<sub>2</sub><sup>a</sup><sub>x</sub>

▷ ρ<sub>2</sub>Δ<sub>5</sub>, <Δ<sub>1</sub>ρ<sub>5</sub><sup>b</sup> bρ<sub>2</sub> Λσ α<sub>5</sub>(·∇<sup>a</sup>(<sub>1</sub>)·Δ<sub>2</sub><sup>a</sup>, bρ<sub>2</sub> ·∇σ<sub>1</sub>σ<sub>1</sub><sup>a</sup>ρ<sub>2</sub> Δ<sub>5</sub>)·Δ<sub>2</sub><sup>a</sup>, ḡ<sub>4</sub> bρ<sub>2</sub> ·ḡ<sub>4</sub><sup>b</sup> Δ<sub>1</sub>ρ<sub>5</sub>·Δ<sub>2</sub><sup>a</sup>; Γσ<sub>1</sub><sup>b</sup> ρ <Γḡ<sub>4</sub>b<sub>2</sub> ΔΔ<sup>o</sup> Λ<sub>1</sub>ḡ<sub>4</sub><sup>a</sup>(<sub>1</sub>)·Δ<sub>2</sub><sup>a</sup> ΔΔ<sup>o</sup> Δ<sub>5</sub> ḡ<sub>4</sub> ρ Γσ<sub>1</sub>·∇Δ<sub>1</sub>b<sub>1</sub><sup>o</sup>; σ<sub>1</sub>UΔ<sub>2</sub><sup>a</sup> ρ Δ<sub>5</sub>ρ<sub>2</sub><sup>a</sup> ρ U·∇<sup>a</sup>(<sub>1</sub><sup>ab</sup> ρ bρ<sub>5</sub>·Δ<sub>2</sub><sup>a</sup>, ρ<sub>2</sub> (≈ ρ b<sub>2</sub>·∇σ<sub>1</sub>Γ<sub>5</sub><sup>ab</sup> ρ d<sub>1</sub>ρ<sub>5</sub>·Δ<sub>2</sub><sup>a</sup>·ḡ<sub>4</sub> ḡ<sub>4</sub>σ<sub>1</sub>Γ<sub>5</sub>Γ<sub>2</sub><sup>a</sup>·ḡ<sub>4</sub>, ρ Δ<sub>5</sub>Λ<sub>1</sub>Π<sub>1</sub><sup>ab</sup> ΔΔ<sub>1</sub> Δ<sub>1</sub>·ḡ<sub>4</sub>Λ<sub>1</sub>·Δσ<sub>1</sub><sup>ab</sup> ḡ<sub>4</sub> Λ<sub>1</sub>σ<sub>1</sub>·Δσ<sub>1</sub><sup>ab</sup>; ▷ Γ<sub>5</sub>Δ<sub>5</sub>·∇Λ<sub>1</sub>·Δ<sub>2</sub><sup>a</sup> Δ<sub>1</sub>ρ ρ<sub>5</sub> X ∇Δ<sub>1</sub>ΓΔ<sub>2</sub>Γ<sub>5</sub><sup>ab</sup><sub>x</sub> ∇Γ<sub>2</sub><sup>a</sup><sub>x</sub>

ρ α<sub>5</sub>σ<sub>1</sub>ρ<sub>2</sub>Δ<sub>5</sub>·Δ<sub>2</sub><sup>ab</sup><sub>x</sub>

·Δ<sub>1</sub>α<sub>2</sub>·Δ<sub>5</sub><sup>a</sup> σ<sub>1</sub> ΠΛ<sub>1</sub>ρ<sub>2</sub>·Δσ<sub>1</sub><sup>a</sup> ρ α<sub>5</sub>(<sub>1</sub>)·Δσ<sub>1</sub><sup>a</sup>, ▷ UV<sub>5</sub>ρ<sub>5</sub><sup>ab</sup>; ρ ρ<sub>1</sub> α<sub>5</sub>·∇<sub>5</sub>ρ<sub>5</sub>·Δσ<sub>1</sub><sup>ab</sup> (≈ Δ<sub>1</sub>ρ Γ<sub>5</sub>·α<sub>2</sub>·Δ<sub>5</sub><sup>a</sup> bρ<sub>2</sub> Δσ<sub>1</sub>Γ<sub>2</sub>·Δ<sub>2</sub><sup>a</sup> ḡ<sub>4</sub> α<sub>5</sub>σ<sub>1</sub>·Δ<sub>2</sub><sup>a</sup> Δ<sub>5</sub><sup>o</sup> Δ<sub>1</sub> ΠΛ<sub>1</sub><sup>b</sup>; ▷ ḡ<sub>4</sub>ρ<sub>2</sub>·∇·Δ<sub>2</sub><sup>a</sup> Δ<sub>1</sub>ρ ΠΛ<sub>2</sub>·∇ ρ<sub>5</sub>·ρ<sub>5</sub>, ρ<sub>5</sub> X ∇Δ<sub>1</sub>ΓΔ<sub>2</sub>Γ<sub>5</sub><sup>ab</sup><sub>x</sub> ∇Γ<sub>2</sub><sup>a</sup><sub>x</sub>

¶ Γ (≈ 9 σ<sub>1</sub>Δ<sub>5</sub>·Δ<sub>2</sub><sup>ab</sup> σ<sub>1</sub>Δ<sub>5</sub><sup>a</sup><sub>x</sub>

ρ<sub>1</sub>ρ<sub>2</sub>Δ<sub>1</sub>·9 ρ Δ<sub>1</sub>Γ∇(Δ<sub>1</sub>·Δ<sub>1</sub>σ<sub>1</sub>·Δ<sub>5</sub><sub>x</sub>

▷ UV<sub>5</sub>ρ<sub>5</sub><sup>ab</sup>, Δ<sub>1</sub><sup>a</sup> ρ<sub>1</sub>ρ<sub>2</sub>Δ<sub>5</sub><sup>ab</sup>, ∇<sub>5</sub>∇<sup>a</sup>(<sub>1</sub>)Δ<sub>2</sub><sup>a</sup> b<sub>4</sub> Γ<sub>5</sub>·Δ<sub>2</sub><sup>a</sup>, ·∇Δ<sub>1</sub>ḡ<sub>4</sub>·Δ<sub>1</sub>·ḡ<sub>4</sub> ρ<sub>1</sub>ρ<sub>2</sub>Δ<sub>1</sub>·Δ<sub>5</sub>, UVσ<sub>1</sub>·ḡ<sub>4</sub> UV<sub>5</sub>ρ<sub>5</sub>·Δ<sub>1</sub><sup>ab</sup>, ρ<sub>2</sub> ∇ḡ<sub>4</sub> U<sub>5</sub>Δ<sub>2</sub><sup>a</sup>·ḡ<sub>4</sub> U<sub>5</sub>Δ<sub>2</sub><sup>a</sup>·Δ<sub>1</sub><sup>ab</sup>, ρ<sub>2</sub> ḡ<sub>4</sub> ρ<sub>5</sub> Δ<sub>1</sub>Δ<sub>1</sub>·Δσ<sub>1</sub><sup>ab</sup> ·∇<sup>a</sup>ḡ<sub>4</sub>·Δ<sub>1</sub>·ḡ<sub>4</sub> bρ<sub>2</sub> Δ<sub>1</sub><sup>ab</sup> ∇<sup>a</sup>(α<sub>2</sub>·Δ<sub>1</sub><sup>ab</sup>); σ<sub>1</sub> UΔ<sub>2</sub><sup>ab</sup> Δ<sub>1</sub>Λ<sub>1</sub> ρ<sub>5</sub> Δ<sub>1</sub>ρ α<sub>5</sub>(<sub>1</sub>)·Δσ<sub>1</sub><sup>a</sup> ρ Γ<sub>5</sub> b<sub>2</sub>·Δ<sub>1</sub>·Δ<sub>1</sub> σ ρ<sub>1</sub>ρ<sub>2</sub>Δ<sub>1</sub>·9Γ<sub>2</sub><sup>a</sup> Δ<sub>1</sub><sup>ab</sup> Δ<sub>1</sub> ∇σ<sub>1</sub>b<sub>1</sub><sup>ab</sup>; b<sub>4</sub>





ΔΔ° ϵUσ<sub>x</sub>

▷ ΡΖΛσ) ·∇↰Γδ<sub>Λ</sub> ρρρδ<sub>Λ</sub> : ϵ·∇σΓδ<sub>Λ</sub>·  
 9ΠΛΡρ<sub>Λ</sub> ΓΡΔδ·∇Λρ<sub>Λ</sub><sub>Λ</sub>

▷ ΡΖΛσ) ·∇↰Γδ<sub>Λ</sub> ρρρδ<sub>Λ</sub> : ϵ·∇σΓδ<sub>Λ</sub>·  
 9ΠΛΡρ<sub>Λ</sub> ΓΡΔδ·∇Λρ<sub>Λ</sub><sub>Λ</sub>

▷ ΡΖΛσ) ·∇·ΡρΓδ<sub>Λ</sub>, VΛΡ<sub>Λ</sub> ΔΡ : ϵ·∇σ-  
 Γρ<sub>Λ</sub> 9ΠΛΡρ<sub>Λ</sub> ΓΡΔδ·∇Λρ<sub>Λ</sub><sub>Λ</sub>

▷ ΡΖΛσ) ·∇·ΡρΓδ<sub>Λ</sub>, VΛΡ<sub>Λ</sub> ΔΡ : ϵ·∇σ-  
 Γδ<sub>Λ</sub> 9ΠΛΡρ<sub>Λ</sub> ΓΡΔδ·∇·Λρ<sub>Λ</sub><sub>Λ</sub>

▷ ΡΖΛσ) <σρ<sub>Λ</sub> ΔΛ<sub>Λ</sub>, ΔρΛ<sub>Λ</sub> β< Δ·Ρ-  
 ρΛ<sub>Λ</sub> ·∇ρ<sub>Λ</sub> : ϵ·∇σΓδ<sub>Λ</sub> 9ΠΛΡρ<sub>Λ</sub> ΓΡΔδ·∇-  
 Λρ<sub>Λ</sub><sub>Λ</sub>

▷ ΡΖΛσ) <σρ<sub>Λ</sub> ΔΛ<sub>Λ</sub> ΔρΛ<sub>Λ</sub> β< Δ·Ρ-  
 ρΛ<sub>Λ</sub> ·∇ρ<sub>Λ</sub> : ϵ·∇σΓδ<sub>Λ</sub> 9ΠΛΡρ<sub>Λ</sub> ΓΡΔδ·  
 ∇Λρ<sub>Λ</sub><sub>Λ</sub>

▷ <σρ<sub>Λ</sub>, 9UσΓδ<sub>Λ</sub>, β< 9ρ·ϵ·∇ϵδρ<sub>Λ</sub>  
 ρρVδ<sub>Λ</sub>, β σ·ΛΠρVδ ΡΖΛσ)·Δ<sub>Λ</sub> : ϵ·∇σΓ-  
 δ<sub>Λ</sub> 9ΠΛΡρ<sub>Λ</sub> ΓΡΔδ·∇Λρ<sub>Λ</sub><sub>Λ</sub>

▷ <σρ<sub>Λ</sub>, 9UσΓδ<sub>Λ</sub>, β< 9ρ·ϵ·∇ϵδρ<sub>Λ</sub>  
 ρρVδ<sub>Λ</sub>, β σ·ΛΠρVδ ΡΖΛσ)·Δ<sub>Λ</sub> : ϵ·∇σΓ-  
 δ<sub>Λ</sub> 9ΠΛΡρ<sub>Λ</sub> ΓΡΔδ·∇Λρ<sub>Λ</sub><sub>Λ</sub>

9δ Γ·9α(α9α, σ ΛΡΔδ·∇Λρ·Δσ<sub>Λ</sub>, ▷ UVα-





βΡα ΛΡββ<sup>α</sup>Ρ<sup>α</sup>Ν·Δα, Ρ<sub>β</sub> ββ<sup>α</sup>Ρ<sup>α</sup>Ν·Δα, β<sub>γ</sub>  
 ΛΡ·Δ)δ(Ν·Δα ρ σ<sup>α</sup>βσ·Δ·Δ<sub>β</sub> β ΝV<sup>α</sup>Ρ<sup>α</sup>·Δ<sub>β</sub>; βΡα  
 α<sub>γ</sub>β ΡΡ<sub>α</sub>Δ<sub>β</sub>Λ<sup>α</sup>·Δα, Ρ ·∇Λσβ<sub>β</sub> ·β<sub>γ</sub>β Δ<sub>β</sub>ΓΔ<sub>β</sub>·Δα,  
 β<sub>γ</sub> ΛΡ<<sup>α</sup>ΔΝ·Δα; Λ<sup>α</sup>β·ΔU∇·Δα, β<sub>γ</sub> Ρ ·ΔΡ<<sup>α</sup>α-  
 (Γαβ ρ<sup>α</sup> ΔΡ)·Δα β<sub>γ</sub> βΡ·<sup>α</sup>·Δα,

Γ<sub>α</sub> UV<sup>α</sup>Ρ<sup>α</sup>·Δα, Γ<sub>β</sub>·<sup>α</sup>·Δα·Δ<sub>β</sub>α<sub>α</sub>

ϱΡ<sub>β</sub> <sub>β</sub>ΛβU<sup>α</sup>·ββ ρ<sup>α</sup> Δσσ·Δ·Δα; Ρ Λσ σ<sup>α</sup>·ΔΡ·Δα  
 β<sub>γ</sub> Ρ ΡΡα·Δ<sub>β</sub>ΡV<sup>α</sup>·Δα; Ρ ρ<sup>α</sup>β<sup>α</sup>·Δ<sub>β</sub>·Δα, Ρ <βU-  
 ΔΝ<sup>α</sup>·Δα, β<sub>γ</sub> Ρ β·<sup>α</sup>·Δ<sub>β</sub>·Δα Δα<sub>β</sub>,

Γ<sub>α</sub> UV<sup>α</sup>Ρ<sup>α</sup>·Δα, Λ<sub>β</sub>Λ<sub>β</sub>Δ<sub>β</sub>α<sub>α</sub>

Ρ ·Δ<sup>α</sup>·Δα·Δα β<sub>γ</sub> Ρ Γ<sub>β</sub>·<sup>α</sup>·Δ<sub>β</sub>·Δα Δα<sub>β</sub>; ρ<sup>α</sup>  
 Δ<sub>β</sub>U<sup>α</sup>·Δα β<sub>γ</sub> Ρ δ(Ρ<sup>α</sup>·Δα Δα<sub>β</sub>; ϱΡ<sub>β</sub>ΛU<sup>α</sup>·ββ Ρ  
 σ<sup>α</sup>·Δα β<sub>γ</sub> Ρ αΔβ<sup>α</sup>·Δα Δα<sub>β</sub>; ϱU<sup>α</sup>·ββ ρ<sup>α</sup> Δ<sub>β</sub>Λ<sub>β</sub>-  
 <<sup>α</sup>·Δα β<sub>γ</sub> ρ<sup>α</sup> Δ<sub>β</sub>Λ<sup>α</sup>·Δα Δα<sub>β</sub>; β<sub>γ</sub> Ρ Λ ς·Ρ<sub>β</sub>α<sub>α</sub>  
 <<sup>α</sup>·Δα β<sub>γ</sub> Δ<sub>β</sub> Δα<sub>β</sub>,

Γ<sub>α</sub> UV<sup>α</sup>Ρ<sup>α</sup>·Δα, Λ<sub>β</sub>Λ<sub>β</sub>Δ<sub>β</sub>α<sub>α</sub>

ΔΛ ϱΝ<sub>β</sub>Λ<sub>β</sub>·Δα; β<sub>γ</sub> ΔΛ ϱΡ·<sup>α</sup>·Δ<sub>β</sub>·Δα; ΔΛ  
 ·∇Ρ<sub>β</sub>σ σ<sup>α</sup>·Δσ<sub>α</sub>, β<sub>γ</sub> Ν<<sup>α</sup>·Δ<sub>β</sub>·Δα Ρ<sub>β</sub>α<sub>α</sub>,

Γ<sub>α</sub> UV<sup>α</sup>Ρ<sup>α</sup>·Δα, Λ<sub>β</sub>Λ<sub>β</sub>Δ<sub>β</sub>α<sub>α</sub>

σ<sup>α</sup>·Δα<sup>α</sup> Γ<sub>β</sub>Λ<sub>β</sub>·∇Λ<sub>β</sub>·Δα Ρ α<sup>α</sup>(Λ·Δσ<sub>α</sub> ρ  
 α<sup>α</sup>(Δ<sub>β</sub>·Δα, ▷ UV<sup>α</sup>Ρ<sup>α</sup>·Δα Ρ<sub>β</sub>Λσ); β<sub>γ</sub> Ρ Γ·σ<sup>α</sup>-

(L° ρ NV°(L° β< βα·∇°(L° ΔΔ° ρ ∧σ <β-  
Γ<·Δ° ΓρUβΓ° ΔΔ< ·β<β Γβ&αβ;

ρ α°)(L·Δσ&° ρ μα·Δ&β, Γμ UV°ργ<αx

ρ Γ·τ°(L° ρ βα·∇σL° β< ρ L°β·Δρ<β ·β<β  
ρ α·Δρ<·Δ°, ·β<·β·β·Δσ°β β< ∧β·β·Δσ°β,  
<Δ° ρ <Γ(β° Δ°)α> σ ρρΔρ<·γΓ&° β NVσ-  
Γ<Γ°β;

ρ α°)(L·Δσ&° ρ μα·Δ&β, Γμ UV°ργ<αx

ρ Γ·τ°(L° ρ NV°(J·<β ΔUΔ ρ U·V<σΓ°, ρ  
β·σ·β·Δ°, β< ρ β·Δ°, β< J°β ρ <VσJ·Δ°,  
J°β (° ρ α&°)αβ ρ ρU°(δρ·Δσσ β< ρ  
ρρ·<·∇°(δρ·Δσσ;

ρ α°)(L·Δσ&° ρ μα·Δ&β, Γμ UV°ργ<αx

ρ Γ·τ°(L° ρ βα·∇σL° β< ρ·Δ)β·<β ρ <L&β<β  
βρα Δσ° β°γσΓ°β;

ρ α°)(L·Δσ&° ρ μα·Δ&β, Γμ UV°ργ<αx

ρ Γ·τ°(L° ρ β·∇σL° β< ρ βα·∇σL° <β<°  
∇°·<° ·∇°< Δρσ β NV°(αβ, ·Δ·<°, β< βρα  
ρρΔρ<·γ Δ ρα·∇°(βα°;

ρ α°)(L·Δσ&° ρ μα·Δ&β, Γμ UV°ργ<αx

ρ Γ·τ°(L° ρ ·<βαL·<·< βρα ρρ<βΓ∇·Δρ<·<β  
β< <βΓ∇·Δρ<·<β, ·β<β ρ ργ°(J·<β β< σρ)(J·<β

ρ<sup>c</sup> Δρ)·Δσσ; Γ (ς ρ ·Δ<ε(Δ·∇·Δ̇) ∇δ ρρ<sub>δ</sub>Δ-  
 Ḳ·Δ̇) ḡ< ∇δ ἈΛΠρ·Δ̇);

Ρ α<sup>c</sup>)(L·Δσḡ<sup>c</sup> ρ ḡ<sup>c</sup>(Δδ̇)ḡ<sup>c</sup>, Γ<sub>δ</sub> UVα<sup>c</sup>ρḡ<sup>c</sup><sub>x</sub>

ρ Γ·ḡ<sup>c</sup>(L<sup>c</sup> ρ Γ<sub>α</sub>·ḡ<sup>c</sup> ḡ ρρ<sup>c</sup>)·Δ̇) ΔρḲ·Δ<sup>b</sup>, ḡ< ḡρ<sub>α</sub>  
 ρρ·ḡ·Δρ·Δ̇) ΔρḲ·Δ<sup>b</sup>, ς·∇<sup>c</sup>α<sup>c</sup>ρ·Δσσ, ḡρ(·∇<sup>c</sup>(J-  
 ·Δσσ, ḡ< σρ)(J·Δσσ;

Ρ α<sup>c</sup>)(L·Δσḡ<sup>c</sup> ρ ḡ<sup>c</sup>(Δδ̇)ḡ<sup>c</sup>, Γ<sub>δ</sub> UVα<sup>c</sup>ρḡ<sup>c</sup><sub>x</sub>

ρ Γ·ḡ<sup>c</sup>(L<sup>c</sup> ρ ς·∇σL·ḡ<sup>c</sup> ḡ< ρ ḡ<sub>α</sub>·∇σL·ḡ<sup>c</sup> U<δ-  
 σρ·Δ̇), ρ Γ<sub>α</sub>·ḡ<sup>c</sup> ς·∇<sup>c</sup>α<sup>c</sup>ρ·Δσσ ·ḡ<sup>b</sup> ρ Π<δσρ·Δ̇),  
 ḡ< ρ Γ<sup>c</sup>ρΓ<sup>c</sup>(J·Δ̇) U·V·Δσσ;

Ρ α<sup>c</sup>)(L·Δσḡ<sup>c</sup> ρ ḡ<sup>c</sup>(Δδ̇)ḡ<sup>c</sup>, Γ<sub>δ</sub> UVα<sup>c</sup>ρḡ<sup>c</sup><sub>x</sub>

ρ Γ·ḡ<sup>c</sup>(L<sup>c</sup> ρ ς·∇σL·ḡ<sup>c</sup> ḡ< ρ ḡ<sub>α</sub>·∇σL·ḡ<sup>c</sup> ḡρ<sub>α</sub>  
 ρ<sup>c</sup> ΔσσL<sup>b</sup>;

Ρ α<sup>c</sup>)(L·Δσḡ<sup>c</sup> ρ ḡ<sup>c</sup>(Δδ̇)ḡ<sup>c</sup>, Γ<sub>δ</sub> UVα<sup>c</sup>ρḡ<sup>c</sup><sub>x</sub>

ρ Γ·ḡ<sup>c</sup>(L<sup>c</sup> ρ Γ<sub>α</sub>·ḡ<sup>c</sup> ḡρ<sub>α</sub> ∇<sub>α</sub>ḡ<sup>c</sup>ρ·Δ̇) Δσσ·Δ<sup>b</sup>  
 ∇δ·ρσ<sup>c</sup>Π·Δσσ, Γ<sub>δ</sub>·Δρρ·∇<sup>c</sup>α<sup>c</sup>Π·Δσσ, ḡ< Ἀḡσ-  
 ρ·Δσσ;

Ρ α<sup>c</sup>)(L·Δσḡ<sup>c</sup> ρ ḡ<sup>c</sup>(Δδ̇)ḡ<sup>c</sup>, Γ<sub>δ</sub> UVα<sup>c</sup>ρḡ<sup>c</sup><sub>x</sub>

ρ Γ·ḡ<sup>c</sup>(L<sup>c</sup> ρ Γδδ̇)ḡ<sup>c</sup> ΔUΔḲ ρ ḡ<sup>c</sup>ρΔσḡ<sup>c</sup> ḡ<  
 ρ ḡ<sup>c</sup>σḡ<sup>c</sup>(Δσḡ<sup>c</sup>, ḡ< ·∇·∇σ<sup>c</sup> ρ ἈΛΠρ̇)ḡ<sup>c</sup> Ḳ̇  
 ∇ρ)Ḳḡρ<sub>α</sub> ρ ḡρ·ρ·Δ<sub>α</sub>;

Ρ α<sup>c</sup>)(L·Δσḡ<sup>c</sup> ρ ḡ<sup>c</sup>(Δδ̇)ḡ<sup>c</sup>, Γ<sub>δ</sub> UVα<sup>c</sup>ρḡ<sup>c</sup><sub>x</sub>

ገ ገ·ጐፎ(ፒፎ ሙሉፍ ገ ገፎ·ፍ ሐዎፈ ገፍ ልፀፀፒፆ  
 ር·ፕፎገፍ·ልፀፀ ፍፅፅፀፒ·ልፀፎፆ ገ ለገፎ(ፒ·ፍፅ ገፍ ልዎ)-  
 ·ልፀፀ, ፅፋ ለፀ ፅፀፈ·ፕ·ልፀፎፆ ገ ፈፍፈፈፒ·ፍፅ, ገ  
 ፀፍ(ልዎ)·ፍፅ (ፍ ለፀ ፍፅፈ ልፀፀገፍ·ልፆፆ;

ፀ ፆፆ)(ፒ·ልፀፆፆ ገ ፆፆፍ(ልፀፅፆፆ, ገፆ ሀፕፎገፍፆፆፆx

ገ ገ·ጐፎ(ፒፆ ገ ለፆ·ፍ ልፈፈፒ ሀ·ፕ·ልፀፆፆ ሐዎፈ ልዎ  
 ፅ ·ፍፀፀፀፆፆፆ, ፅፋ ፅ ·ፍፅፅፅፅፅፀፆ·ልፆፆፆ;

ፀ ፆፆ)(ፒ·ልፀፆፆ ገ ፆፆፍ(ልፀፅፆፆ, ገፆ ሀፕፎገፍፆፆፆx

ገ ገ·ጐፎ(ፒፆ ገ ፒፆፅ·ልገፍፆ·ፍ ልዎ ፅ ፀፍፆ·ልፆፆፆ;  
 ፅፋ ገ ገ·ጐፀፒፆፆ·ፍ ፅፋ ገ·ልፆፅፆፆ·ፍ ልዎ ፅ ፅፈፕፕፆፆፆፆ;  
 ፅፋ ገ ፍፆፆፆፆ·ፍ ልዎ ፅ ፍፆፀፀፆፆፆፆ; ፅፋ ሀፍፈ ገ  
 ፒፒፆፆፆፆፆፆፆ ፍፆፆ ፍፆፆ ገ ፆፆፆፆፆፆ;

ፀ ፆፆ)(ፒ·ልፀፆፆ ገ ፆፆፍ(ልፀፅፆፆ, ገፆ ሀፕፎገፍፆፆፆx

ገ ገ·ጐፎ(ፒፆ ገ ፍፆፒፆፆፆ·ፍ, ገ ፆፆፅፆፆፆ·ፍ, ፅፋ ገ  
 ገ·ጐፀፒፆፆ·ፍ ሐዎፈ ፅ ፆፀፅፀገፆፆፆፆ, ፅ ፒፀገፆፆፆፆ, ፅፋ ፅ  
 ፅፆፀገፆፆፆፆ;

ፀ ፆፆ)(ፒ·ልፀፆፆ ገ ፆፆፍ(ልፀፅፆፆ, ገፆ ሀፕፎገፍፆፆፆx

ገ ገ·ጐፎ(ፒፆ ገ ሐፆፕፀፒፆፆ·ፍ ሐዎፈ ፅ ፍፅፅፐፕፆፆፆ ፈዎፆፆ  
 ፅፋ ሙሉፆፆ, ሐዎፈ ልፆፆፆፆ ፅ ፈፍ ፈፈፆፀፀፀፆፆፆፆፆፆ, ሐዎፈ ፅ  
 ፍፆገፆፆፆፆ, ፅፋ ፈፆፆፈፆፀፆፆፆ; ገ ፀፀፒፒፆፀፒፆፆፆፆ (ፍ ሐዎፈ ፅ  
 ፀፍፆፆፆፆፆፆፆ ፅፋ ፅ ፆፆፆፆፆፆፆፆ;

ፀ ፆፆ)(ፒ·ልፀፆፆ ገ ፆፆፍ(ልፀፅፆፆ, ገፆ ሀፕፎገፍፆፆፆx

Γ·τ²(Λ² Γ α(Λ·Δ·Ċ, ḡ Γ Δ²ΠαΛ·Δ·Ċ  
·∇ḡΓΓḡḡ ḡΛḡΓḡḡ, ḡ Γ Δ·ḡ·Δḡ τ>σΓ² Δ  
ḡVΓ·Δḡ, ḡ ḡΡα ḡΠḡΡḡ·Δḡ ḡ τḡḡΓΔ²·Ċ;

Ρ α²)(Λ·Δσḡ² Γ ḡ²(·Δḡḡḡḡ, Γḡ UV²Γḡḡ²²x

Γ·τ²(Λ² Γ ḡ·∇σΛ·Ċ ḡΡα Δσσ·Δḡ;

Ρ α²)(Λ·Δσḡ² Γ ḡ²(·Δḡḡḡḡ, Γḡ UV²Γḡḡ²²x

Γ·τ²(Λ² Γ ·∇V²(Λ·Δ·Ċ ḡ²ḡσΓḡḡ²·Ċ, τḡḡ-  
ΓΔḡ²·Ċ, ḡ ΓΓ ḡσḡΓḡḡ²·Ċ, Γ ·ḡΡαΛ·Δ·Ċ (ḡ  
DUΔ·Δḡ;

Ρ α²)(Λ·Δσḡ² Γ ḡ²(·Δḡḡḡḡ, Γḡ UV²Γḡḡ²²x

Γ·τ²(Λ² Γ Γḡḡḡḡ ḡ Γ ḡ²·∇²(Λ·Δḡḡḡḡ  
Γ Ρ ḡḡΓḡḡḡḡ ḡΡα τḡ·ΔΡ²²² ḡΡḡḡ, Γ (ḡ DUḡḡḡ  
Γ Ρ ḡḡΓḡḡḡḡ;

Ρ α²)(Λ·Δσḡ² Γ ḡ²(·Δḡḡḡḡ, Γḡ UV²Γḡḡ²²x

Γ·τ²(Λ² Γ Γḡḡḡḡ ḡḡ ΓΓ²·∇ḡ²(ḡ·Δ²;  
Γ ḡ·Vḡ²(Λ·Δḡḡḡḡ ḡΡα σ ΛΓΔḡ·∇Λḡ·Δσḡ²,  
σ Λḡḡ·Δḡ·Δσḡ², ḡ σ ḡΡḡḡḡ·Δσḡ²; Γ Λσ-  
ḡ²Λ·Δḡḡḡḡ (ḡ ΔΔ° ·Δ)ḡḡ·Δ² Ρ Λσ ḡḡḡḡ ḡ  
DUḡḡḡ Γ ḡḡΓḡḡḡḡ σ Λḡḡḡ·Δσḡ²σ ḡḡ ∇Ρḡḡḡḡ  
Ρ Λσ ΔΡḡ·Δ²;

Ρ α²)(Λ·Δσḡ² Γ ḡ²(·Δḡḡḡḡ, Γḡ UV²Γḡḡ²²x



$\dot{p}^a \text{ } p_{2L\sigma}) \cdot \nabla \cdot p_{r\Gamma^b} : p_{\alpha^a} (L \cdot \Delta \sigma \dot{\alpha}^a \text{ } \Gamma \wedge \rho^a$   
 $(\cdot \Delta \mathcal{J}^i \rightarrow \alpha^b)_x$

$\dot{p}^a \text{ } p_{2L\sigma}) \cdot \nabla \cdot p_{r\Gamma^b} : p_{\alpha^a} (L \cdot \Delta \sigma \dot{\alpha}^a \text{ } \Gamma \wedge \rho^a$   
 $(\cdot \Delta \mathcal{J}^i \rightarrow \alpha^b)_x$

$\triangleright \dot{p}^a \text{ } p_{2L\sigma}) \cdot \nabla \dot{L}_{\alpha \dot{L} \sigma \mathcal{J} \Gamma^b}, \cdot \nabla^a \Pi_{\alpha L^a} \triangleright \triangleright \dot{L}$   
 $\triangleleft p^{\alpha b} \text{ } L_{\Gamma \Delta \mathcal{J} \cdot \nabla \wedge \rho \cdot \Delta \alpha^a};$

$\Gamma \mathcal{J} \mathcal{J} \dot{\alpha}^a \text{ } p \wedge \dot{\alpha}^b \text{ } (\cdot \Delta \alpha^x$

$\triangleright \dot{p}^a \text{ } p_{2L\sigma}) \cdot \nabla \dot{L}_{\alpha \dot{L} \sigma \mathcal{J} \Gamma^b}, \cdot \nabla^a \Pi_{\alpha L^a} \triangleright \triangleright \dot{L}$   
 $\triangleleft p^{\alpha b} \text{ } L_{\Gamma \Delta \mathcal{J} \cdot \nabla \wedge \rho \cdot \Delta \alpha^a};$

$\epsilon \cdot \nabla \sigma \Gamma \mathcal{J} \dot{\alpha}^a_x$

$\triangleright X, \wedge \rho^a (\cdot \Delta \mathcal{J} \dot{\alpha}^a_x$

$\triangleright X, \wedge \rho^a (\cdot \Delta \mathcal{J} \dot{\alpha}^a_x$

$UV^a \rho^b \rightarrow \epsilon \cdot \nabla \sigma \Gamma \mathcal{J} \dot{\alpha}^a_x$

$UV^a \rho^b \rightarrow \epsilon \cdot \nabla \sigma \Gamma \mathcal{J} \dot{\alpha}^a_x$

$X, \epsilon \cdot \nabla \sigma \Gamma \mathcal{J} \dot{\alpha}^a_x$

$X, \epsilon \cdot \nabla \sigma \Gamma \mathcal{J} \dot{\alpha}^a_x$

$UV^a \rho^b \rightarrow \epsilon \cdot \nabla \sigma \Gamma \mathcal{J} \dot{\alpha}^a_x$

$UV^a \rho^b \rightarrow \epsilon \cdot \nabla \sigma \Gamma \mathcal{J} \dot{\alpha}^a_x$

$\P \Gamma (\epsilon \cdot \dot{\alpha}^b \Gamma \nabla \Delta p \dot{L} \text{ } b \dot{\alpha} \Delta \sigma \sigma \cdot \dot{\alpha}^b \triangleright \dot{\alpha}^b \text{ } \epsilon \cdot \Delta p) \cdot \dot{\alpha}^b \text{ } UV^a \rho^b \triangleright \epsilon$   
 $\dot{\alpha}^b \Gamma \dot{\alpha}^b \cdot \Delta \alpha^x$

$\cdot \nabla \dot{\alpha}^b \Gamma \dot{\alpha}^b \rightarrow p \mathcal{J} \dot{\alpha}^b \nabla \alpha^c \rightarrow \epsilon \text{ } p \Gamma \triangleleft \wedge U \alpha^c \cdot b^c \text{ } p^c$   
 $\Delta \mathcal{J} \sigma \dot{\alpha}^b \cdot \Delta \alpha^x \text{ } p^c \triangleright p \dot{L} \cdot \Delta \cdot \Delta^a (\epsilon \cdot p \mathcal{J} \sigma L b^c_x \text{ } \nabla \mathcal{J}$   
 $\alpha^a (\cdot \nabla \alpha^c L^a (\epsilon \cdot \mathcal{J} \dot{\alpha}^b U \triangleright \triangleright L \triangleleft p^{\alpha b} \text{ } \dot{L}^i \rightarrow \dot{\alpha}^b \text{ } p \Gamma p \mathcal{J} \dot{\alpha}^b)_x$   
 $\Gamma \mathcal{J} \mathcal{J} \dot{\alpha}^a \text{ } \sigma \alpha^d \text{ } p \mathcal{J} \dot{\alpha}^b \text{ } q \triangleright \alpha^c \wedge \dot{L} \Pi \rho^i \rightarrow \alpha^b_x \text{ } \triangleleft \cdot \nabla \epsilon \sigma$

Γδῶε (ς σ ΛΓΔΓΓ9.Δσῶσε, ∇δ Ḅ.V<σLP.Ḅ  
Δρo b ΛΓ)C.Δ<ΓερC 9d Δδ.ΔδδḄε9ε b.9ΠVσ-  
Π.Δσσε; ΓC.9αL.Δδῶε (ς b ḂC(ερεx ∇Γεx

Ḅ<Γ∇.ΔρLx —▷ UVερ9ε, 9d )C.ΔδḄε9ε  
Ḃ< ∇δ ΛΓΔδ.∇ΛΓεεb<sub>x</sub>

Δσσ.Ḅb<sub>x</sub> — 9d Ḅ< ΔδΠ<ḄL.ΔδḄε9ε Ḃ< ∇δ  
bρ<ΠΓεεb<sub>x</sub>

Ḅ<ΓḄC<sub>x</sub>

▷ Ρ2Lσ), 2.∇ερ9ε .∇εΓΓδε, Ḅε.∇ε-  
CΓ.Ḅε ΡΠLPU∇.Δεε Ḅ< ▷ <δ<σJ.Δσ.Ḅ Δρo  
Γερε.∇εεCJ.Ḅ; ε.∇ερ9.Δ .Δ)Ḅ.Δδῶε Ρ Ḅ<-  
Γ∇C.Δσῶε JεḄ ῶε εεΡΓ.Δσῶε Ḅ< σσε  
ḄσΓεCJ.Δσῶε ΓLεCδ<Ḅδ<ερε; ΡΠLΡC.Δδῶε  
C, ▷σ ΛΓ .9dεεε Ḅ .Δ )C.Δ<Γεε ΛΓLσ) Ḅ<Ḃ  
Δσσ ▷ .Ḅ<δΔ.∇.Δσ.Ḅεε Ρ ΓC.9αḂδ<εε Ρ Γσ  
Ḅε.∇ερ9.Δσεε ▷εΓ; σε.Δεε Ρ <ΓCḄεε σεδC Ρ  
)CδΓ.Ḅεε εεḄΓΔ.∇.Δεε, JεḄ Ρ εεδΓσῶε Ρ  
Λσ Ḅ<ΓḄ.Δσεε; .Ḅε ▷εΓ Ρεε X UVσΓεΓερε<sub>x</sub>  
∇Γεx

▷ UVερ9ε, <Γ.Ḅε, .Δ)Ḅ.Δδῶε, Ḅ< ΛLΓΔ-  
δῶε ρC ΔδσḄΓ.Δσεε ▷εΓx

▷ Ρ2Lσ), σC.ḄḄεε ῶε Ρ ▷εΓ εεCΓε,  
Ḅ< εΓεσ<εḄ ῶε Ρ .ΔεCḂδεε<ε Δσo ΡΓ Ḅ<Δε  
Ḅ Ρ )CJ.Ḅε Γ.Ḅ Ρ ΛLΠΓ.Ḅε, Ḅ< ḄεC Ρ.< Ρ Λ  
ΛLΠΓ.Ḅε<sub>x</sub>

▷ UV<sup>α</sup>Γ<sup>β</sup>α, <Γ<sup>β</sup>α, ·Δ)β·Δ<sup>α</sup>α, β< Λ<sup>Δ</sup>-  
ΓΔ<sup>α</sup>α P P U<sup>α</sup>ΔΓ·Δσ<sup>α</sup>β ▷<sup>α</sup>Γ<sub>x</sub>

Γ PΓ Λ<sup>α</sup>Γ<sup>α</sup>ΔΓ ·∇<sup>α</sup>Γ<sup>α</sup>β, β< ·∇·PΓ<sup>α</sup>β, β<  
Δ<sup>α</sup>Γ<sup>α</sup>β Δ<sup>α</sup>β;

β Δ<sup>α</sup> ·∇<Δ<sup>α</sup>Δ<sup>α</sup> ▷<sup>α</sup>β)β, Δ<sup>α</sup>Δ<sup>α</sup> Δ<sup>α</sup>·∇<<sup>α</sup>, β<  
βPσ<sup>α</sup> q Δσ Δ<sup>α</sup>·∇<β βPqβΓ<sup>α</sup><sub>x</sub> ∇Γ<sup>α</sup><sub>x</sub>

ΔP<sup>α</sup> Δ<sup>α</sup>Γ<sup>α</sup>Γ<sup>α</sup>α·Δ<sup>α</sup> ▷<sup>α</sup>Γ<sup>α</sup> β<sup>α</sup>·∇σΓ<sup>α</sup>α, ▷ X<sub>x</sub>

PΠ<sup>Δ</sup>β<<sup>α</sup>α σ<sup>α</sup> β·β(PΓ·Δσ<sup>α</sup><sub>x</sub>

PΠ<sup>Δ</sup>β<<sup>α</sup>α P α<sup>α</sup>βU<sup>α</sup>Δ<sup>α</sup>βP<sup>α</sup> σ<sup>α</sup>UΔ<sup>α</sup><sub>x</sub>

Δ<sup>α</sup>·∇<sup>α</sup>Γ<sup>α</sup>·Δ<sup>α</sup> Δ<sup>α</sup>·V<sup>α</sup>α(L·Δ<sup>α</sup>β P<sup>α</sup> Δσσ<sup>α</sup>β ▷

LΓΔ<sup>α</sup>·∇Λ<sup>α</sup>·Δσ·Δ<sup>α</sup><sub>x</sub>

Γ<sup>α</sup> Λ<sup>α</sup>α σ<sup>α</sup> Δ<sup>α</sup>Γ<sup>α</sup>·∇·Δσ<sup>α</sup>σ<sup>α</sup><sub>x</sub>

▷ UΔ<sup>α</sup>·∇·PΓ<sup>α</sup>β, Δ<sup>α</sup>·∇σΓ<sup>α</sup>α<sub>x</sub>

Δ<sup>α</sup>Δ<sup>α</sup> β< βPq γ Λ<sup>α</sup>α·Δ<sup>α</sup>α ▷ X<sub>x</sub>

Δ<sup>α</sup>·∇<sup>α</sup>Γ<sup>α</sup>·Δ<sup>α</sup> Λ<sup>α</sup>α·Δ<sup>α</sup>α, ▷ X; Δ<sup>α</sup>·∇<sup>α</sup>Γ<sup>α</sup>·Δ<sup>α</sup>

Λ<sup>α</sup>α·Δ<sup>α</sup>α, ▷ UV<sup>α</sup>Γ<sup>β</sup>α X<sub>x</sub>

▷ UV<sup>α</sup>Γ<sup>β</sup>α, Δ<sup>α</sup> γ P Δ<sup>α</sup>·∇<sup>α</sup>Γ<sup>α</sup>·Δ<sup>α</sup> σ<sup>α</sup> β·Δ

▷Π<sup>α</sup>α;

Δ<sup>α</sup>·∇<sup>α</sup> Δ<sup>α</sup>σ<sup>α</sup>Δ<sup>α</sup>·Δσ<sup>α</sup>β<sub>x</sub>

Δ<sup>α</sup>Γ<sup>α</sup>Δ<sup>α</sup><sub>x</sub>

Δ<sup>α</sup>βσ<sup>α</sup>·Δσ<sup>α</sup>β P<sup>α</sup> Δ<sup>α</sup> <·P<sup>α</sup>σΓ<sup>α</sup>α, ▷ ·∇<sup>α</sup>Γ<sup>α</sup>-  
Γ<sup>α</sup>α, P PΠ<sup>Δ</sup>β<<sup>α</sup>α σ<sup>α</sup> σ<sup>α</sup>Γ<sup>α</sup>·Δσ<sup>α</sup>; β< P  
PΓ<sup>α</sup>·∇<sup>α</sup>β<sup>α</sup> P<sup>α</sup> Δ<sup>α</sup>σβ<sup>α</sup>·Δ<sup>α</sup>, Δ<sup>α</sup>α·Δ<sup>α</sup>α βP<sup>α</sup> ▷<sup>α</sup>  
γ<sup>α</sup>β<sup>α</sup>·Δ<sup>α</sup> σ<sup>α</sup>·Δ<sup>α</sup> β P β<sup>α</sup>β<sup>α</sup>Δ<sup>α</sup>α; β< Δσσ-

ԴՏձ, ԲՐԵ Ս ԿԵՐԴ.ՃՏձԵԲ ՍԸԸ Բ ՎՍՏՂԾ(ԼԵԲ  
 Ր Կ.ՎԵՐԳ.ՃԵ, ՂԿԵ (Կ Բ <ԴԸ.ՃՏձԵԲ ԱձՈՐ-  
 .ՃՏԵԲ ԵՂ .ԵԿ.ԵՈՐ.ՃՏԵԲ, Բ ԸԵՐ ՐՍՏԴԸԵ ԵՂ  
 ՐԲ.Շ.ՎՏԴԸԵ; .ՃԵ ԸԵՐ Ե ՎՏԸ ԳԾ(Լ.ՃԿԴԵ,  
 ԲԿԿ X ՍՎՏԴԿԴԵԿ ՎԴԵԿ

ԸԸ ՎԿԴՃ.ՃԵ ՀՏՐԵԵ ԿԿԸԸ

ԼԿԼ.Ճ ԼԿԵ.ՃԸԵ ԲՂԼՏ), ՄԵԸ Ե ԴՏԿԵԲ  
 Կ.ՎԵՐԳ.ՃԵ ՎՏԸ ՃԾ(Լ.ՃՏԵԲ Բ ձձԵ)ԴՏձԵԲ;  
 Ր Ր .ՃԵ(ԼԳ (Կ ՎՈ ՏՏԵ ԵՂ ՏՐԵ ԼԿ.ՎԵՐՃ).ՎԿ  
 ΔΔԼ ԲԸ ՃՏԵԵԴ.ՃՏԵԲ Բ ԴԵ.Շ ՎՏ. ՁԵ)(Լ.Ճ.Ե;  
 ԼԾ Կ ՄԵԸ ԴՏԸ, Ը ՍՎԵՐԳԵ, ՎՏ <ՐԿՏԴ.Ե  
 ԵՂ ՎՏ ՎԿԴՎՃ.Ճ.Ե Ր <ԴԸԵԵ, ΔΔ° ԴՏԵ Գ  
 ԴԾ)(Ը.ՎԿ, Ր <ՐՍԵ(Լ.ՃԿԵԲ ԸԸԼ ՎՐԵԲ Բ ՐԳԵ(ԼԵԲ  
 Ր Ս.Վ.ՃԵ, ԵՂ ԸԸ ՎՐԵԲ ԵՐԳ ԱԼՈՐ.ՃԵԿ ՎԴԵԿ

2 ճԿԵՈ.ՃՏՏ.ՎԿ xiii.

Ը Կ.ՎԵՐԳ.ՃԵ Կ ՎՃ° ՍՎՏԴԵԵԲ ԲԿԿ X, ԵՂ Ը  
 ԿՐՃ.Վ.ՃԵ ԲՂԼՏ), ԵՂ Ը .ՃՐՐ.ՎՃԵՈ.ՃԵ ՀՏՐԵ  
 ՎԵԵ, ԵՐՏԵ ԵՐԵ Ր Ե .Ճ .ՃՐ.ՃԸԵԿ ՎԴԵԿ





Ἰ.Λ.Δ. ᾠδὸς Ἰ.Δ.α<sub>x</sub>

Ἰ.Λ.Δ. Λ<sup>ς</sup>β.Δ<sup>ς</sup>ρ<sup>ς</sup>ε ρ<sup>ς</sup>λ<sup>ς</sup>σ), .∇<sup>ς</sup>ῥ<sup>ς</sup>Γ<sup>ς</sup>δ<sup>ς</sup>ε β<sup>ς</sup>ρ<sup>ς</sup>ε  
 ς.∇<sup>ς</sup>α<sup>ς</sup>ρ<sup>ς</sup>γ.Δ<sup>ς</sup>α<sup>ς</sup>, σ<sup>ς</sup>α.Δ<sup>ς</sup>α<sup>ς</sup>.∇<sup>ς</sup><Γ<sup>ς</sup>(β<sup>ς</sup>σ<sup>ς</sup>Γ<sup>ς</sup>ε<sup>ς</sup> (ς<sup>ς</sup>Δ<sup>ς</sup>Ἰ<sup>ς</sup>Λ<sup>ς</sup>U<sup>ς</sup>α<sup>ς</sup>-  
 δ<sup>ς</sup>ρ<sup>ς</sup>.Δ<sup>ς</sup>ε<sup>ς</sup> Δ<sup>ς</sup>Λ<sup>ς</sup> ρ<sup>ς</sup> Δ<sup>ς</sup>β<sup>ς</sup>γ<sup>ς</sup>σ<sup>ς</sup>Ἰ<sup>ς</sup>ε<sup>ς</sup> β<sup>ς</sup>ς<sup>ς</sup> σ<sup>ς</sup>α<sup>ς</sup>U<sup>ς</sup>Δ<sup>ς</sup>ε<sup>ς</sup> Δ<sup>ς</sup>α<sup>ς</sup>ρ<sup>ς</sup>  
 ρ<sup>ς</sup> ᾠδὸς Γ<sup>ς</sup>σ<sup>ς</sup>ε<sup>ς</sup> β<sup>ς</sup>ρ<sup>ς</sup>ε ρ<sup>ς</sup> ς.∇<sup>ς</sup>α<sup>ς</sup>ρ<sup>ς</sup>γ.Δ<sup>ς</sup>α<sup>ς</sup> β<sup>ς</sup>ς<sup>ς</sup> ς.∇<sup>ς</sup>α<sup>ς</sup>ρ-  
 γ.Δ<sup>ς</sup>σ ρ<sup>ς</sup>λ<sup>ς</sup>.Δ<sup>ς</sup>Ἰ<sup>ς</sup>Ν<sup>ς</sup>ρ<sup>ς</sup>.Δ<sup>ς</sup>α<sup>ς</sup> ρ<sup>ς</sup> Γ<sup>ς</sup>Ἰ<sup>ς</sup>ε<sup>ς</sup> σ<sup>ς</sup>α.Δ<sup>ς</sup>α<sup>ς</sup> β<sup>ς</sup>ς<sup>ς</sup> β<sup>ς</sup>ρ<sup>ς</sup>ε  
 Δ<sup>ς</sup>σ<sup>ς</sup>σ.Δ<sup>ς</sup>ε<sup>ς</sup>;—[Δ<sup>ς</sup>.Δ<sup>ς</sup>Ἰ<sup>ς</sup>Ἰ<sup>ς</sup>Γ<sup>ς</sup> (ς<sup>ς</sup> Δ<sup>ς</sup>ρ<sup>ς</sup>ο<sup>ς</sup> μ<sup>ς</sup>α<sup>ς</sup>δ<sup>ς</sup>ε β<sup>ς</sup>ς<sup>ς</sup> α<sup>ς</sup>α<sup>ς</sup>.∇<sup>ς</sup>α<sup>ς</sup>-  
 Ἰ.Δ<sup>ς</sup>ε<sup>ς</sup> ρ<sup>ς</sup> Ἰ<sup>ς</sup>Ἰ<sup>ς</sup>ε<sup>ς</sup>.∇<sup>ς</sup>Γ<sup>ς</sup>.β<sup>ς</sup> β<sup>ς</sup>ς<sup>ς</sup> ᾠδὸς Γ<sup>ς</sup>.β<sup>ς</sup> ρ<sup>ς</sup> ς.∇<sup>ς</sup>σ<sup>ς</sup>Γ<sup>ς</sup>α<sup>ς</sup>.  
 Δ<sup>ς</sup>α<sup>ς</sup>ρ<sup>ς</sup>],—ρ<sup>ς</sup> Ἰ<sup>ς</sup>Ἰ<sup>ς</sup>ε<sup>ς</sup>.∇<sup>ς</sup>Γ<sup>ς</sup>σ<sup>ς</sup>ε<sup>ς</sup> ρ<sup>ς</sup> Δ<sup>ς</sup>Ἰ<sup>ς</sup>Δ<sup>ς</sup>ε<sup>ς</sup>, ρ<sup>ς</sup> β<sup>ς</sup>α.∇<sup>ς</sup>-  
 σ<sup>ς</sup>Γ<sup>ς</sup>ε<sup>ς</sup>, β<sup>ς</sup>ς<sup>ς</sup> ρ<sup>ς</sup> Γ<sup>ς</sup>Ἰ<sup>ς</sup>Ἰ<sup>ς</sup>ε<sup>ς</sup> β<sup>ς</sup>ρ<sup>ς</sup>ε ρ<sup>ς</sup>δ<sup>ς</sup>α .∇<sup>ς</sup>σ<sup>ς</sup>Ἰ<sup>ς</sup>α<sup>ς</sup>ρ<sup>ς</sup>α β<sup>ς</sup>  
 Δ<sup>ς</sup>Ἰ<sup>ς</sup>ε<sup>ς</sup> α<sup>ς</sup>α<sup>ς</sup>δ<sup>ς</sup>ε ρ<sup>ς</sup> Ἀ<sup>ς</sup>Ἰ<sup>ς</sup>Ν<sup>ς</sup>ρ<sup>ς</sup>ε<sup>ς</sup>; Δ<sup>ς</sup>.Δ<sup>ς</sup>Ἰ<sup>ς</sup>Ἰ<sup>ς</sup>Γ<sup>ς</sup> (ς<sup>ς</sup> Δ<sup>ς</sup>Δ<sup>ς</sup>ο<sup>ς</sup>, ρ<sup>ς</sup>  
 ρ<sup>ς</sup>ρ<sup>ς</sup> Ἰ<sup>ς</sup>ρ<sup>ς</sup>Δ<sup>ς</sup>.∇<sup>ς</sup>.Δ<sup>ς</sup>α<sup>ς</sup> (ς<sup>ς</sup>β<sup>ς</sup>ρ<sup>ς</sup>α<sup>ς</sup>ρ<sup>ς</sup>β<sup>ς</sup>U<sup>ς</sup>ρ<sup>ς</sup>μ<sup>ς</sup> ρ<sup>ς</sup> Ἀ<sup>ς</sup>Ἰ<sup>ς</sup>ρ<sup>ς</sup>)ε<sup>ς</sup> Δ<sup>ς</sup>Δ<sup>ς</sup>  
 Δ<sup>ς</sup>ρ<sup>ς</sup> .Δ<sup>ς</sup>α<sup>ς</sup> Δ<sup>ς</sup>α<sup>ς</sup>ρ<sup>ς</sup> U<sup>ς</sup>∇<sup>ς</sup>σ<sup>ς</sup>Γ<sup>ς</sup>ε<sup>ς</sup>Γ<sup>ς</sup>α<sup>ς</sup> ρ<sup>ς</sup>λ<sup>ς</sup> X; ρ<sup>ς</sup> Γ<sup>ς</sup>Ἰ<sup>ς</sup>ε<sup>ς</sup> ρ<sup>ς</sup>  
 Δ<sup>ς</sup>α<sup>ς</sup>ρ<sup>ς</sup> Δ<sup>ς</sup>Ἰ<sup>ς</sup>ε<sup>ς</sup>ρ<sup>ς</sup><ε<sup>ς</sup> ρ<sup>ς</sup> ς.∇<sup>ς</sup>α<sup>ς</sup>ρ<sup>ς</sup>γ.Δ<sup>ς</sup> .Δ<sup>ς</sup>)β<sup>ς</sup>γ.Δ<sup>ς</sup>α<sup>ς</sup>, β<sup>ς</sup>ς<sup>ς</sup> ρ<sup>ς</sup> Δ<sup>ς</sup>Ἰ<sup>ς</sup>  
 Δ<sup>ς</sup>∇<sup>ς</sup>σ<sup>ς</sup>Ἰ<sup>ς</sup>ε<sup>ς</sup> β<sup>ς</sup>ρ<sup>ς</sup>γ Ἀ<sup>ς</sup>Ἰ<sup>ς</sup>γ<sup>ς</sup>α<sup>ς</sup>(δ<sup>ς</sup>ρ<sup>ς</sup>.Δ<sup>ς</sup>α<sup>ς</sup> β<sup>ς</sup>ς<sup>ς</sup> (ς<sup>ς</sup> ρ<sup>ς</sup> α<sup>ς</sup>α<sup>ς</sup>)(Ἰ<sup>ς</sup>-  
 .Δ<sup>ς</sup>σ<sup>ς</sup>ε<sup>ς</sup>, Γ<sup>ς</sup>Ἰ<sup>ς</sup>Ἰ<sup>ς</sup>ε<sup>ς</sup> ρ<sup>ς</sup> Δ<sup>ς</sup>Ἰ<sup>ς</sup>Γ<sup>ς</sup>.γ<sup>ς</sup>α<sup>ς</sup>(Ἰ<sup>ς</sup>ε<sup>ς</sup> β<sup>ς</sup>ρ<sup>ς</sup>ε ρ<sup>ς</sup> ς.∇<sup>ς</sup>α<sup>ς</sup>ρ<sup>ς</sup>-  
 γ.Δ<sup>ς</sup>α<sup>ς</sup>, ρ<sup>ς</sup>ρ<sup>ς</sup> ρ<sup>ς</sup> ᾠδὸς Ἰ<sup>ς</sup>ε<sup>ς</sup>β<sup>ς</sup>ρ<sup>ς</sup>α σ<sup>ς</sup>α<sup>ς</sup>U<sup>ς</sup>Δ<sup>ς</sup>ε<sup>ς</sup>σ<sup>ς</sup>α, ρ<sup>ς</sup> ᾠδ<sup>ς</sup>)ε<sup>ς</sup>  
 (ς<sup>ς</sup> ρ<sup>ς</sup> Ἰ<sup>ς</sup>Ἰ<sup>ς</sup>ε<sup>ς</sup>.∇<sup>ς</sup>Ἰ<sup>ς</sup>δ<sup>ς</sup>ρ<sup>ς</sup>.Δ<sup>ς</sup>α<sup>ς</sup> β<sup>ς</sup>.Δ<sup>ς</sup>α<sup>ς</sup> σ<sup>ς</sup>Γ<sup>ς</sup>σ<sup>ς</sup> α<sup>ς</sup>α<sup>ς</sup>)σ<sup>ς</sup>ε<sup>ς</sup> Δ<sup>ς</sup>α<sup>ς</sup>ρ<sup>ς</sup>,  
 σ<sup>ς</sup>α<sup>ς</sup> Δ<sup>ς</sup>Ἰ<sup>ς</sup>Ἀ<sup>ς</sup>Ἰ<sup>ς</sup>Ν<sup>ς</sup>ρ<sup>ς</sup>.Δ<sup>ς</sup>σ<sup>ς</sup>ε<sup>ς</sup> ε<sup>ς</sup>; ρ<sup>ς</sup> <ρ<sup>ς</sup>Ν<sup>ς</sup>σ<sup>ς</sup>Ν<sup>ς</sup>ρ<sup>ς</sup>ε<sup>ς</sup> ρ<sup>ς</sup>  
 <Γ<sup>ς</sup>.Δ<sup>ς</sup>σ<sup>ς</sup>ε<sup>ς</sup>, β<sup>ς</sup>ς<sup>ς</sup> ρ<sup>ς</sup> Ἀ<sup>ς</sup>Ἰ<sup>ς</sup>ε<sup>ς</sup> Δ<sup>ς</sup>Δ<sup>ς</sup>Ἰ<sup>ς</sup> ∇<sup>ς</sup>ε<sup>ς</sup>Ἰ<sup>ς</sup>Γ<sup>ς</sup>ε<sup>ς</sup>  
 Ἀ<sup>ς</sup>ε<sup>ς</sup>Ν<sup>ς</sup>ρ<sup>ς</sup>.Δ<sup>ς</sup>σ<sup>ς</sup>α<sup>ς</sup> β<sup>ς</sup>ς<sup>ς</sup> .β<sup>ς</sup>ε<sup>ς</sup>.β<sup>ς</sup>Ν<sup>ς</sup>ρ<sup>ς</sup>.Δ<sup>ς</sup>σ<sup>ς</sup>α<sup>ς</sup> Γ<sup>ς</sup>σ<sup>ς</sup> Ἀ<sup>ς</sup>Ἰ<sup>ς</sup>Ν<sup>ς</sup>ρ<sup>ς</sup>ε<sup>ς</sup>;  
 .Δ<sup>ς</sup>α<sup>ς</sup> Δ<sup>ς</sup>α<sup>ς</sup>ρ<sup>ς</sup> ρ<sup>ς</sup>λ<sup>ς</sup> X U<sup>ς</sup>∇<sup>ς</sup>σ<sup>ς</sup>Γ<sup>ς</sup>ε<sup>ς</sup>Γ<sup>ς</sup>α<sup>ς</sup>, .Δ<sup>ς</sup>α<sup>ς</sup> ε<sup>ς</sup> β<sup>ς</sup>ς<sup>ς</sup> ρ<sup>ς</sup>ε<sup>ς</sup> β<sup>ς</sup>ς<sup>ς</sup>  
 <σ<sup>ς</sup>ρ<sup>ς</sup>ε<sup>ς</sup> Δ<sup>ς</sup>Ἰ<sup>ς</sup>ε<sup>ς</sup> ρ<sup>ς</sup> β<sup>ς</sup> ρ<sup>ς</sup>ρ<sup>ς</sup>.∇<sup>ς</sup>α<sup>ς</sup>(δ<sup>ς</sup>ρ<sup>ς</sup> β<sup>ς</sup>ς<sup>ς</sup> Ἰ<sup>ς</sup>Ἰ<sup>ς</sup>ε<sup>ς</sup>.∇<sup>ς</sup>Γ<sup>ς</sup>δ<sup>ς</sup> Δ<sup>ς</sup>ρ<sup>ς</sup>α<sup>ς</sup>  
 .Δ<sup>ς</sup>ε<sup>ς</sup> ρ<sup>ς</sup> Δ<sup>ς</sup>ς.β<sup>ς</sup>γ<sup>ς</sup>ρ<sup>ς</sup>μ<sup>ς</sup>β<sup>ς</sup> ∇<sup>ς</sup>Γ<sup>ς</sup>α<sup>ς</sup>









$\sigma a \cdot \Delta a^c$  ր  $\Delta^c p \sigma c \cdot \Delta p \dot{z} a b$ ,  $b \leftarrow \dot{p} a$  ր  $\Delta \sigma \dot{L} \sigma \dot{\Gamma} \dot{\Gamma} \dot{z} a b$   
 $\Delta \Delta \dot{L}$  ր  $\zeta \cdot \nabla a \dot{p} q \cdot \Delta \sigma a b$   $\nabla a \dot{c} \dot{r}$   $p \dot{\Gamma} \dot{b} b$  ր  $\Delta^c p \sigma c \cdot \Delta p$   
 $\Delta \rightarrow \Gamma a b$  ր  $\wedge \sigma \dot{A} \dot{L} b$ ;  $\cdot \dot{\Delta} a$   $\Delta a$  ր  $UV \sigma \Gamma \rightarrow \Gamma a b$   $\dot{r} \dot{L} \dot{L}$   
 $X$ ,  $b \cdot \Delta \dot{r} \wedge \dot{L} \dot{p} \dot{r} \dot{\Gamma} b$   $b \leftarrow \dot{p} \nabla a \dot{p} q \dot{\Gamma} b$   $\dot{p} a$   $b \leftarrow \dot{A} \dot{A} \dot{o}$   
 $\dot{A} \dot{L} b$ ,  $b p q$   $\dot{c} \dot{r} \dot{\Gamma} \dot{d}$   $p \dot{\Gamma} \dot{L} \sigma \cdot \Delta \rightarrow a$ ,  $\dot{A} p a b$   $\cdot \Delta \dot{b}$   $q$   
 $\Delta \zeta \cdot \dot{b} \dot{r} \dot{r} \dot{d} b_x$   $\nabla \dot{\Gamma} a_x$

$p$   $p p a \cdot \dot{A} \dot{r} \cdot \dot{z} b \sigma \cdot \Delta \dot{L}$   $X_x$

$\dot{L} \dot{z} \dot{L} \cdot \Delta$   $L \zeta \dot{b} \cdot \Delta \dot{r} \rightarrow a$   $p \dot{\Gamma} \dot{L} \sigma$ ),  $\dot{b}$   $p$   $\dot{r} \dot{c} \cdot \dot{A} \dot{L}$   $q U a \dot{c} \dot{d} \dot{r} \dot{L}$   
 $p \cdot \dot{r} \dot{L}$  ր  $p p a \cdot \dot{A} \dot{r} \cdot \dot{z} b \sigma \cdot \Delta \dot{L}$ ,  $\dot{b} \leftarrow$  ր  $\dot{r} \dot{c} a b$   $\Delta \Delta \dot{o}$   $\Delta a \dot{r} \cdot \nabla$   
 $\cdot \Delta \sigma \sigma$   $\Delta \sigma \sigma$   $\Delta a$  ր;  $\dot{\Gamma} \dot{\Gamma} \dot{\Gamma} \dot{z} a$   $\Delta \Delta \dot{o}$   $q q^c$   $p p a \cdot \dot{A} \dot{r}$   
 $\dot{r} \cdot \nabla \cdot \Delta a$   $\wedge \sigma \dot{A} \dot{L} \dot{d} a b$   $\dot{b}$   $\Delta a \dot{r} \dot{L} b b$ ;  $\sigma a U \Delta \dot{z} \sigma a$   $\dot{b} \leftarrow$   
 $\nabla a \dot{c} \dot{r}$   $\dot{c} q \dot{r} \dot{z} a b$  ր  $\wedge \sigma \dot{r} \dot{b} U p a$   $b p a$   $\dot{A} p \cdot \Delta$   $\dot{b} \leftarrow \cdot \Delta \dot{z} \dot{r}$   
 $a \dot{c} \cdot \nabla a \dot{c} \dot{r} \cdot \Delta a a$   $\Delta a$  ր,  $b p a$   $q \dot{d} a$  ր  $a \Delta \dot{c} \dot{L} a b$   $\nabla \dot{\Gamma} \dot{r} a b$   
 $p$   $\wedge \sigma$   $\Delta \dot{r} \cdot \nabla a \dot{c} \dot{r} \cdot \Delta a$ ,  $\cdot \dot{\Delta} a$   $\Delta a$  ր  $\dot{A} \dot{A} \dot{o}$   $p \cdot \dot{r} \dot{L}$   $\dot{r} \dot{L} \dot{L}$   $X$   
 $UV \sigma \Gamma \rightarrow \Gamma a b_x$   $\nabla \dot{\Gamma} a_x$

$\Delta \Delta \dot{o}$   $\Delta \wedge \dot{c} \sigma$ ,

$\dot{A} \wedge \cdot \dot{A} \dot{z} \dot{c} a \dot{p} \sigma a \cdot \dot{c}$   $X \dot{c} a$   $\Delta p \dot{o}$   $\dot{r} a \dot{c} \dot{c} b_x$

$\triangleright$   $p \dot{\Gamma} \dot{L} \sigma$ ),  $\dot{A} \dot{z} a b$   $\dot{b}$   $p$   $p p a \cdot \Delta \dot{\Gamma} \cdot \nabla \dot{L}$   $\dot{b}$   $p$   $\Delta a$  ր  
 $\cdot \dot{A} \dot{c} a \dot{p} a \cdot \dot{c}$   $\dot{c} \dot{r} \dot{\Gamma} \dot{d} \sigma \dot{r} a$   $p \cdot \dot{r} \dot{L} a$   $\Delta p \dot{o}$   $\dot{r} a \dot{c} \dot{c} b$ ;  $\zeta \cdot \nabla a$   
 $\dot{p} q \cdot \Delta$   $\dot{c} p U a \dot{c} a$   $\sigma a \cdot \Delta a^c$   $\dot{b}$   $p q \sigma \dot{\Gamma} \sigma \dot{z} a b$   $U \cdot \nabla \dot{c} a \dot{c} \dot{r}$   
 $\cdot \Delta \sigma a b$ ,  $\dot{c} \sigma \dot{L}$   $p \Delta \zeta \cdot \dot{b}$   $\wedge \dot{L} \dot{p} \dot{r} \dot{z} a b$  ր  $\dot{r} \dot{r} \dot{p} \dot{r} \dot{z} a b$   $p$













$$\dot{Q}_Q \triangleq \Gamma \nabla \rho \mathcal{J}^b \rightarrow \mathcal{Q} \cap \mathcal{Q}_x$$
[illegible] $\Delta\Delta^0 \rightarrow \Gamma\nabla\rho\pi^+\pi^-$      $r < \Delta(\chi_x)$ [illegible]
$$\Gamma_b \cdot \nabla^{\circ} U_x$$
[illegible]

$\dot{L} \dot{\gamma}_L \cdot \Delta$      $L^s \dot{b} \cdot \Delta \gamma_{\geq e}$      $\dot{b}_{<} \quad \dot{b}_{PQ} \quad q_L L(\sigma) \cdot \Delta \gamma_{\geq e}, \quad p^c$





$\cdot \Delta \Gamma \Lambda^{\text{e}} \Pi \Theta \Lambda^{\text{e}} \rho^{\text{b}}$   $\Gamma \nabla \beta \Gamma \delta^{\text{a}} \epsilon^{\text{b}}$ ,  $\dot{\beta} \leftarrow (\epsilon \text{ } \Gamma \text{ } \dot{\epsilon} > \epsilon \beta \dot{\Lambda}^{\text{e}} \epsilon^{\text{b}}$   
 $\Gamma \nabla \beta \Gamma^{\text{b}}$   $\dot{\beta} \leftarrow \sigma > \cdot \Delta \sigma \Delta^{\text{e}} \cdot \dot{\beta}^{\text{e}} \text{UL}$   $\Gamma \triangleright \Pi \dot{\Lambda}^{\text{e}} \epsilon^{\text{b}}$   $\sigma \text{ } \text{J} \Gamma \rho \Gamma^{\text{e}} \cdot \Delta$   
 $\dot{\Delta} \Gamma \Lambda^{\text{e}} \dot{\Lambda}^{\text{e}} \Delta \sigma \dot{\epsilon}^{\text{e}}$ ,  $\cdot \dot{\Delta}^{\text{e}} \triangleright \Gamma \omega \Delta \mathcal{J} \cdot \nabla \Lambda^{\text{e}} \Gamma^{\text{e}} \cdot \Delta^{\text{e}} \triangleright^{\text{e}} \Gamma \dot{\Delta}^{\text{e}} \circ$   
 $\dot{\beta} \text{ } \rho \text{ } \sigma >^{\text{b}}$ ,  $\dot{\beta} \leftarrow \dot{\beta} \text{ } \rho \text{ } \alpha \Delta \beta \cdot \dot{\Delta} \beta \sigma \cdot \Delta^{\text{b}}$ ,  $\dot{\beta} \leftarrow \Gamma \alpha \cdot \Delta \dot{\beta}$   
 $\rho \text{ } \dot{\Delta} \Gamma \Lambda^{\text{e}} \dot{\Lambda}^{\text{e}} \sigma \alpha \cdot \Delta^{\text{e}} \triangleright^{\text{e}} \Gamma$ ,  $\rho \cdot \rho^{\text{b}}$   $\Gamma^{\text{h}}$  **X**  $\text{UV} \sigma \Gamma \triangleright \Gamma^{\text{a}} \epsilon^{\text{b}} \text{x}$   
 $\nabla \Gamma^{\text{e}} \text{x}$

$\Delta^{\text{h}} (\epsilon \text{ } \dot{\Delta} \Gamma \nabla \rho \mathcal{J} \beta^{\text{b}} \text{x})$

$\dot{\Lambda} \dot{\Lambda} \text{L} \cdot \Delta \text{L} \epsilon \dot{\beta} \cdot \Delta \Gamma^{\text{e}} \triangleright^{\text{e}} \rho \nabla \text{L} \sigma)$ ,  $\dot{\Lambda}^{\text{e}} \mathcal{J} \delta \text{ } \rho \cdot \rho^{\text{b}}$   $\Gamma^{\text{h}}$  **X**  
 $\dot{\beta} \text{ } \rho \triangleright^{\text{e}} \Gamma \dot{\epsilon} \delta \Gamma) \triangleright^{\text{e}} \sigma > \cdot \Delta^{\text{e}}$ ,  $\dot{\beta} \leftarrow \dot{\beta} \text{ } \rho \text{ } \dot{\Lambda}^{\text{e}} \delta \alpha \dot{\Lambda} \cdot \Delta \dot{\Lambda}^{\text{e}} \epsilon^{\text{b}}$   
 $\dot{\beta} \rho \mathcal{Q} \wedge \dot{\Lambda} \Pi \Gamma^{\text{e}} \cdot \Delta \Delta^{\text{e}} \cdot \dot{\beta}^{\text{e}} \text{UL}$ ;  $\dot{\Delta} \dot{\beta} \dot{\Lambda} \sigma \text{J} \cdot \Delta \sigma^{\text{a}} \epsilon^{\text{b}}$   $\rho \text{ } \alpha^{\text{e}} (\dot{\Lambda} \cdot \Delta \sigma \dot{\epsilon}^{\text{e}}$ ,  $\rho \cdot \Delta \Gamma \cdot \Delta \dot{\Lambda}^{\text{e}} \epsilon^{\text{b}}$   $\rho \text{ } \epsilon \cdot \nabla^{\text{e}} \Gamma \mathcal{Q} \cdot \Delta^{\text{e}}$ ,  $\rho^{\text{e}} \dot{\Delta})^{\text{e}} \Gamma \omega$   
 $\alpha^{\text{e}} (\cdot \nabla^{\text{e}} (\text{J} \cdot \Delta \alpha^{\text{e}} \Delta \dot{\Lambda} \dot{\Lambda} \sigma^{\text{e}} \Delta \omega^{\text{e}} (\text{J} \cdot \Delta \sigma \dot{\epsilon}^{\text{e}} \epsilon^{\text{b}}$ ,  $\Gamma \text{ } \text{h}$   
 $\dot{\beta} \leftarrow \dot{\beta} \rho \mathcal{Q} \text{ } \rho \cdot \Delta) \dot{\beta} \cdot \Delta \dot{\Lambda}^{\text{e}} \epsilon^{\text{b}}$   $\Gamma \Gamma \omega \sigma \dot{\Lambda}^{\text{e}} (\Delta \rho) \dot{\Lambda}^{\text{e}} \epsilon^{\text{b}}$ ,  $\cdot \dot{\Delta}^{\text{e}} \triangleright^{\text{e}} \Gamma$   
 $\Gamma^{\text{h}}$  **X**  $\text{UV} \sigma \Gamma \triangleright \Gamma^{\text{a}} \epsilon^{\text{b}}$ ,  $\dot{\beta} \cdot \Delta \Gamma \wedge \dot{\Lambda} \Pi \Gamma^{\text{e}} \Gamma^{\text{b}}$   $\dot{\beta} \leftarrow \Pi \nabla^{\text{e}} \Gamma \mathcal{Q} \Gamma^{\text{b}}$   
 $\dot{\rho}^{\text{e}} \dot{\beta} \leftarrow \dot{\Lambda}^{\text{e}} \sigma \Gamma^{\text{b}} \dot{\Delta} \dot{\Lambda}^{\text{e}}$ ,  $\dot{\beta} \rho \mathcal{Q} \dot{\Lambda}^{\text{e}} \mathcal{J} \delta \text{ } \rho \nabla \text{L} \sigma) \cdot \Delta \triangleright^{\text{e}}$ ,  $\dot{\Delta} \rho^{\text{a}} \epsilon^{\text{b}}$   
 $\cdot \Delta \dot{\beta} \text{ } \mathcal{Q} \Delta^{\text{e}} \cdot \dot{\beta} \dot{\Lambda}^{\text{e}} \rho^{\text{b}} \text{x}$   $\nabla \Gamma^{\text{e}} \text{x}$

$\sigma \text{L} \dot{\Delta} \Gamma \nabla \rho \mathcal{J} \beta^{\text{b}} \text{ } \rho \Delta^{\text{e}} \cdot \dot{\beta} \Delta^{\text{h}} (\epsilon \text{x})$

$\dot{\Lambda} \dot{\Lambda} \text{L} \cdot \Delta \text{L} \epsilon \dot{\beta} \cdot \Delta \Gamma^{\text{e}} \triangleright^{\text{e}} \cdot \nabla \dot{\Lambda}^{\text{e}} \Gamma \Gamma \delta \triangleright^{\text{e}}$ ,  $\dot{\beta} \text{ } \rho \text{ } \Gamma \sigma \cdot \nabla \triangleright^{\text{e}}$   
 $\dot{\Lambda}^{\text{e}} \mathcal{J} \delta^{\text{b}}$   $\rho \cdot \rho^{\text{b}}$   $\Gamma \text{ } \sigma >^{\text{b}}$   $\sigma \text{ } \text{L} \Gamma \Delta \mathcal{J} \cdot \nabla \Lambda^{\text{e}} \Gamma^{\text{e}} \cdot \Delta \sigma \dot{\epsilon}^{\text{e}}$   $\triangleright^{\text{e}} \Gamma$ ,  
 $\dot{\beta} \leftarrow \Gamma \dot{\Delta} \Gamma \Lambda^{\text{e}} \dot{\Lambda}^{\text{e}} \Gamma \triangleright^{\text{e}} \Gamma \cdot \dot{\beta} \triangleright^{\text{e}} \mathcal{Q}^{\text{e}} \dot{\Lambda}^{\text{e}} \delta \Gamma^{\text{e}} \epsilon^{\text{b}}$ ;  $< \rho \text{UL}^{\text{e}} (\dot{\Lambda} \cdot \Delta \mathcal{J} \dot{\epsilon}^{\text{e}}$   
 $\Gamma \Delta \mathcal{J} \cdot \nabla \Lambda^{\text{e}} \dot{\Lambda}^{\text{e}} \epsilon^{\text{b}}$   $\mathcal{J}^{\text{e}} \mathcal{Q}^{\text{e}} \Gamma \mathcal{Q} \cdot \Delta^{\text{e}}$   $\dot{\beta} \leftarrow \text{L} \Gamma \Delta \mathcal{J} \cdot \nabla \Lambda^{\text{e}} \Gamma^{\text{e}} \cdot \Delta^{\text{e}}$ ,  
 $\text{J} \epsilon^{\text{b}}$   $\Gamma \text{ } < \Gamma \dot{\Lambda}^{\text{e}} \cdot \Delta \sigma \dot{\epsilon}^{\text{e}} \epsilon^{\text{b}}$   $\wedge \dot{\Lambda} \Pi \Gamma^{\text{e}} \cdot \Delta \sigma^{\text{a}} \epsilon^{\text{b}}$   $\dot{\beta} \leftarrow \text{U} \cdot \text{V} \cdot \Delta \sigma^{\text{a}} \epsilon^{\text{b}}$ ,  
 $\cdot \dot{\Delta}^{\text{e}} \triangleright \Gamma \omega \Delta \mathcal{J} \cdot \nabla \Lambda^{\text{e}} \Gamma^{\text{e}} \cdot \Delta^{\text{e}} \triangleright^{\text{e}} \Gamma$   $\rho \cdot \rho^{\text{b}}$   $\Gamma^{\text{h}}$  **X**  $\text{UV} \sigma \Gamma \triangleright \Gamma^{\text{a}} \epsilon^{\text{b}} \text{x}$   $\nabla \Gamma^{\text{e}} \text{x}$



[illegible]

$\dot{a}a^a \triangleleft \nabla \rho \dot{b}^b \quad \rho \dot{c}^c \quad \triangleleft \nabla \rho \dot{d}^d$

▷ UV<sub>α</sub>Γ<sub>β</sub> = ρ<sub>α</sub> < Δ<sub>α</sub>Γ<sub>β</sub> L<sub>β</sub> b<sub>β</sub> b<sub>ρ</sub> q<sub>d</sub> · ∇σ<sub>α</sub>σ<sub>β</sub>;  
Γ<sub>α</sub>σ<sub>α</sub> = σ<sub>α</sub> · Δ<sub>α</sub> ρ<sub>α</sub> < Δ<sub>α</sub>Γ<sub>β</sub> L<sub>β</sub> Δ<sub>α</sub> < Γ<sub>β</sub> L<sub>β</sub>, ρ<sub>α</sub> Δ<sub>α</sub>  
Δ<sub>α</sub> L<sub>β</sub> Δ<sub>α</sub> (q<sub>d</sub> · Δ<sub>α</sub>σ<sub>β</sub> Δ<sub>α</sub>Γ<sub>β</sub> Γ<sub>β</sub> Δ<sub>α</sub> L<sub>β</sub> Δ<sub>α</sub> · q<sub>d</sub>σ<sub>α</sub>  
· ∇σ<sub>α</sub>σ<sub>β</sub>ρ<sub>α</sub>, b<sub>β</sub> ρ<sub>α</sub> ∇<sub>α</sub>Γ<sub>β</sub> Δ<sub>α</sub> ρ<sub>ρ</sub> · Δ<sub>α</sub>σ<sub>β</sub> · ∇<sub>α</sub>Δ<sub>α</sub>σ<sub>β</sub> Γ<sub>β</sub>  
ρ Δ<sub>α</sub>Γ<sub>β</sub> L<sub>β</sub>, Δ<sub>α</sub> Δ<sub>α</sub>Γ<sub>β</sub> L<sub>β</sub> X UVσ<sub>α</sub>Γ<sub>β</sub>Γ<sub>α</sub>β<sub>x</sub>  
▽Γ<sub>α</sub>x

$\triangleright L \wedge \dot{s} \cdot \Delta \quad P \int b^b_x$

$\langle P U^a(\dot{L} \cdot \Delta \dot{\sigma}^a, P^a)(\dot{L} \cdot \Delta \sigma^a, \dot{L} \cdot \Delta L^a$   
 $\cdot \Delta \dot{\rho}^a P \dot{L} \sigma), P \Delta \dot{\sigma} U \cdot V^a(\dot{L}^a \dot{L}^a \dot{\sigma}^a P \cdot P$   
 $V \dot{L} \dot{P} \Delta \dot{\sigma} \dot{\rho}^a \dot{\rho}^a X P \Delta \dot{\sigma} P \dot{P} \dot{\sigma} \dot{\rho}^a; \Gamma \dot{\sigma} \dot{L} \dot{L}$   
 $\sigma^a \cdot \Delta^a P \Delta \dot{\sigma} \dot{L} \dot{\sigma}^a \sigma^a U \Delta \dot{\sigma}^a \dot{\sigma}^a \sigma^a$   
 $\Delta \dot{\sigma}^a(\dot{L} \cdot \Delta \sigma^a), \Gamma \Delta \dot{L} \dot{\sigma} \dot{\sigma}^a P \dot{P} \dot{\sigma}^a \dot{\rho}^a \dot{\rho}^a,$   
 $\dot{\rho}^a \dot{\sigma}^a \cdot \Delta \dot{P} \dot{L} \dot{P} \dot{\rho}^a \dot{\sigma}^a \dot{\rho}^a \dot{\rho}^a \dot{\rho}^a \dot{\rho}^a \dot{\rho}^a \dot{\rho}^a \dot{\rho}^a$   
 $\dot{\rho}^a, \dot{\rho}^a \dot{\rho}^a P \dot{L} \sigma) \cdot \Delta \dot{\rho}^a, \dot{\rho}^a \dot{\rho}^a \dot{\rho}^a \dot{\rho}^a \dot{\rho}^a \dot{\rho}^a$   
 $\nabla \dot{\rho}^a_x$

$$\triangleleft \nabla \rho \sigma^b \quad \rho \Delta^{\cdot b} \quad \triangleright L \wedge^{\cdot b} \cdot \Delta \quad \rho \sigma^{b_x}$$
$$\triangleright p_{2L\sigma}), \quad UV^a(L^a \quad p_{\dot{r}} \cdot \dot{c} \cdot \nabla^a \dot{c} d_{\dot{r}} \cdot \Delta^a, \quad \dot{b} \quad p$$

$$\triangleright L \wedge a^b < \zeta \zeta d^b \quad p \cdot p^b \quad r^b \quad X \quad p_{\dot{r}} < p_a q \cdot \Delta \sigma^{ab} \quad \Delta \Delta \dot{L}$$

























[illegible]



















Δσσ·Δ<sup>b</sup><sub>x</sub> — UV<sup>α</sup>ρ<sup>γ</sup>ζ<sup>α</sup>, ζ·∇σΓ<sup>δ</sup>ξ<sup>α</sup>, β<sub>γ</sub> )(α  
σ<sup>α</sup>UΔξ<sup>σ</sup> ρ β<sub>α</sub>·∇<sup>α</sup>(Ἰ<sup>αβ</sup> ΔΔ βρ·q·Δ<sup>α</sup><sub>x</sub>

Δ<sup>γ</sup>Γ∇·ΔρἸ<sub>x</sub> — ḃ·Δ<sup>α</sup> ρ ḃ Γ<sup>γ</sup>·∇σḲ<sup>γ</sup> ρ̇ρσσ Δ  
·Δρ·Δ<sup>γ</sup>Ḳ, ḃ·Δ<sup>α</sup> ρ ḃ Γ<sup>γ</sup>·∇σḲ<sup>γ</sup> ρ̇ρσσ Δ·ΔΠ<sup>γ</sup>Ḳβ<sub>α</sub>,  
ḃ·Δ<sup>α</sup> β<sub>γ</sub> Δ <Γ<sup>δ</sup>β<sub>α</sub>, β<sub>γ</sub> Δ <Γ<sup>δ</sup>qΔ·q<sub>Λ</sub>, β<sub>γ</sub> Δ  
Λ<sup>δ</sup>ρ<sub>Λ</sub>, β<sub>γ</sub> Δ LL<sup>α</sup>ρ<sup>β</sup>ρ<sub>Λ</sub>, ḃ·Δ<sup>α</sup> β<sub>γ</sub> Γ<sup>σ</sup> q<sub>δ</sub>  
UV<sup>α</sup>(α<sup>b</sup><sub>x</sub>

Δσσ·Δ<sup>b</sup><sub>x</sub> — UV<sup>α</sup>ρ<sup>γ</sup>ζ<sup>α</sup>, ζ·∇σΓ<sup>δ</sup>ξ<sup>α</sup>, Δ<sup>δ</sup>Λ<sup>α</sup>  
(ζ βρ<sub>α</sub> ΔΔ ρ βρ·q·Δ<sub>α</sub> σ<sup>α</sup>UΔξ<sup>σ</sup>; Γ<sup>γ</sup> ζ ∇<sup>δ</sup>  
α<sup>α</sup>)(Ἰ·Δσξ<sup>α</sup><sub>x</sub>

¶ Γ (∞ q Δρ)·Δ<sup>αβ</sup> Δ<sup>γ</sup>Γ<sup>δ</sup>·Δ<sup>α</sup> ρρΔρḲ·q ρ ζ·∇<sup>α</sup>ξ<sup>δ</sup><sub>x</sub>

Δ<sup>γ</sup>Γ<sup>δ</sup>ξ<sub>x</sub>

Ḳ<sup>γ</sup>Ḳ·Δ L<sup>α</sup>ḃ·Δ<sup>γ</sup>ζ<sup>α</sup> β<sub>γ</sub> βρ<sup>q</sup> q<sub>Λ</sub>Δσ)·Δ<sup>γ</sup>ζ<sup>α</sup>, σ  
ρρ<sub>Δ</sub>ΔḲξ<sup>σ</sup> ρ Λσ Δρ)·Δ<sup>α</sup> ΔUΔ·Δ<sup>α</sup> qρΔρḲ·Δ·Δ<sup>β</sup>  
ΔΔ<sup>σ</sup> ρ ∇V<sup>α</sup>(L·Δ·ξ<sup>α</sup> β<sub>γ</sub> ρ ·Δ<sup>γ</sup>·∇<sup>δ</sup>(L·Δ·ξ<sup>α</sup>, β<sub>γ</sub> ρ  
·qρ<sub>α</sub>L·Δ·ξ<sup>α</sup> ∇<sup>δ</sup> ·Δ<sup>γ</sup>ξ<sup>α</sup>(L<sup>α</sup> ρ αΔ<sup>γ</sup>β ρ Lσ)·Δ βρξ<sup>α</sup>·  
∇<sup>α</sup>(J·Δσ<sup>αβ</sup>: ρ Δḃ<sup>γ</sup>σ<sup>γ</sup>ζ<sup>αβ</sup> ρ α<sup>α</sup>)(Ἰ·Δσξ<sup>α</sup> ρ  
Δ<sub>α</sub>)·Δ<sup>β</sup> β<sub>γ</sub> ∇V<sup>α</sup>(L·Δ<sup>β</sup> ΔUΔ ρ <Γ<sup>δ</sup>β<sub>α</sub> Δ<sup>β</sup>)<sub>Λ</sub>,  
σ ρρΔρḲ·qΓ<sup>α</sup>ξ<sup>α</sup> UVσΓ<sup>γ</sup>ζ<sup>α</sup>, βρ<sub>α</sub> Γ<sup>σ</sup>β ∇<sup>α</sup>α<sup>αβ</sup>,  
∇ρ<sup>β</sup>, β<sub>γ</sub> ∇<sup>δ</sup>ρ<sup>q</sup>, J<sup>αβ</sup> ρ α(·Δ<sup>γ</sup>ξ<sup>α</sup>(α<sup>β</sup> ρ ρU<sup>α</sup>ξ<sup>δ</sup>·  
ρ·Δσσ β<sub>γ</sub> ρ ρ<sup>γ</sup>·ξ<sup>α</sup>·∇<sup>α</sup>(δ<sup>γ</sup>·Δσσ, β<sub>γ</sub> ρ α<sup>α</sup>(ρ<sup>q</sup>α<sup>αβ</sup>  
q Δ<sup>δ</sup> β<sub>α</sub>·∇σḲ<sup>β</sup> ρ<sup>α</sup> ΔσσL<sup>α</sup> Δσ<sup>σ</sup> q<sub>α</sub>·∇<sup>α</sup>(Δḃσ·Δ<sup>β</sup>  
·Δ<sup>α</sup>Π<sup>γ</sup>·Δσ<sup>αβ</sup>, Λ<sup>γ</sup>σ<sup>γ</sup>·Δσ<sup>αβ</sup>, β<sub>γ</sub> Lσ)·Δ<sup>γ</sup>Π<sup>γ</sup>·Δσ<sup>αβ</sup>:







ኢየሱስ (ኤ ፆ ሙረት፣ ለ (ኤ ምዕራብ ሀሃይየባሙያ፣ ልካ፣  
 ሀሃይየባሙያ፣ ብለር ለሙራ ሀሃይ(ሊ፣ ሙ ለዕራብ ዓባሊየራብ፣  
 ፆላ፣ (ኤ ፆ ብሙር)፣ ብሙራ፣ ብሙራ፣ ሙራ ለሙራ  
 ብሙራ ሙ ለዕራብ St. Luke xix. 8.

[illegible]

1 Cor. ix. 7.

$\rho^c \wedge a \vdash \sigma \dot{\cdot} \Delta \rho (\dot{L} \cdot \Delta \sigma \dot{\cdot} a q a \dot{\cdot} \dot{L} d \cdot \Delta \dot{\cdot} \dot{\Delta} \dot{\cdot} a, \rho \dot{\cdot} \Delta \sigma \dot{\cdot} \dot{L} \cdot b^c \dot{\cdot} \dot{a} \vdash \dot{L} \cdot \dot{\Delta} a) a \dot{L} a b \rho^c \dot{\Delta} \rho \cdot \Delta \dot{\cdot} \dot{\Delta} \dot{\cdot} \Delta \dot{\cdot} \dot{\Delta} \dot{\cdot} \dot{\Delta} ?$

1 Cor. ix. 11.

[illegible]

$\triangleleft \Delta^{\circ} < \alpha \rho \nabla ( \dot{b} \text{ } \dot{\rho} \cdot \dot{\gamma} \cdot \nabla \wedge \sigma \rho \dot{\gamma} < \alpha \rho \nabla ( ( \dot{L} \cdot \Delta^{\circ} ) \sigma \rho ;$   
 $\triangleleft \Delta^{\circ} ( \varsigma \sigma \wedge \cdot \Delta \dot{b} \text{ } \dot{\rho} \cdot \dot{\gamma} \cdot \nabla \wedge \sigma \rho \dot{\gamma}, \sigma \wedge \cdot \Delta \dot{b} \varsigma ( \dot{L} \cdot \Delta^{\circ} -$   
 $) \sigma \rho_x \quad \dot{L} \cdot \sigma \text{ } b \rho \Delta \cdot \Delta \dot{\gamma} \quad \dot{L} \dot{\gamma} \quad \nabla \cdot \sigma^{\circ} ( \alpha b \text{ } \triangleright \cup \Delta^{\circ} b \text{ } \Gamma$   
 $\Delta \Delta^{\circ} \text{ } \Gamma \sigma^b \text{ } q \text{ } \Gamma \sigma \cdot \nabla \dot{\gamma}, q \dot{d} \cdot \dot{\Delta}^{\circ} ( \dot{\gamma} \dot{\gamma} \rho \dot{\gamma} \dot{\gamma} \dot{b} \cdot \Delta^{\circ} \dot{b} \varsigma$   
 $\cdot \dot{\Delta} \cdot \Delta \dot{\varsigma} \dot{b} \dot{\gamma}; \triangleleft \dot{\gamma} \text{ } \rho \dot{\gamma} \dot{L} \sigma ) \triangleright \dot{\gamma} \rho \triangleleft^{\circ} \Delta \sigma^{\circ} \text{ } \dot{\gamma} \cdot \sigma^{\circ} ( \Gamma \sigma \dot{\rho}^{\circ}$   
 $\dot{L} \sigma \cdot \nabla \sigma \dot{\rho}^{\circ}_x \quad 2 \text{ Cor. ix. 6, 7.}$



Դ.Ճառ, Բ.ՎՃԼԵ (Յ.ՃԻՐ.ՇԷՁԵ ԼԵՐՏԻՐԱ, ԲՈՒԼ-  
 ԳՄԼԻԲ (Յ, ՎԺԵ Գ ԸՁԻ ԱԵՐՅԵԾԵՍ ԲՆԼՄ) Ը  
 ԻՐԴ.Շ.ՃԱՐ? 1 St. John iii. 17.

Γσ·∇<sup>b</sup> ρ<sup>c</sup> Δ<sub>ab</sub>Γ<sub>bσΓ</sub>·Δ<sup>ab</sup> Δ<sup>a</sup>Γ, qd ·Δ<sup>a</sup> (s  
·qp·qσC·Δ<sup>q</sup> Γ<sub>σΓ</sub> Δσσ; Γ (s Γ ·qp·qσC·Δ<sup>Γ</sup> Δ<sup>b</sup>  
UV<sup>a</sup>Γ<sup>b</sup><sub>x</sub> Tobit iv. 7.

$\rho_{2, \dot{\Delta} \Gamma \Gamma^2} \nabla \wedge \Gamma \text{ bsp})_{\text{ex}} \quad \dot{\rho}_{\text{ex}} \text{ ex} \cdot \dot{\Delta} \quad \dot{\Delta} \text{ ex}$   
 $\text{ex} \cdot \dot{\Delta} \quad \Gamma \sigma \cdot \nabla ; \quad \dot{\rho}_{\text{ex}} \text{ ex} < \text{ex} \quad \nabla \text{ ex} \quad \dot{\Delta} \quad \Gamma \sigma \cdot \nabla \quad \rho$   
 $\text{ex} \text{ ex} \text{ ex} \quad \Delta \Delta^0 < \text{ex} \quad \text{ex} : \quad \dot{\Delta} > \Gamma \quad \Delta \Delta^0 \quad \nabla \text{ ex} \quad \dot{\Delta}$   
 $\text{ex} \text{ ex} \text{ ex} \quad \Gamma \text{ ex} \quad \rho \text{ ex} \text{ ex} \cdot \Delta \text{ ex} \quad \Delta \Delta^0 \quad \rho \text{ ex} \text{ ex} \quad \text{ex} \text{ ex}$

Tobit iv. 8, 9.

440 b PNL90Lb qNLPrσrσ D<sup>c</sup> Δ.ΔΔ<sup>a</sup>  
 UV<sup>a</sup>Prσrσ: α<sup>9</sup>9, ΔΔ<sup>o</sup> b Γσ.∇<sup>b</sup>, Γ<sub>α</sub>.Δ (Pδb-  
 L.Δjbσ.Δ<sub>x</sub> Prov. xix. 17.

[illegible]
$$\nabla \cdot \rho \Delta p \leq \sigma \cdot \nabla^{\alpha\beta} \nabla \Gamma \nabla \cdot \Delta p \leq C(\Delta p),$$
$$\Delta^L V \triangleq \Gamma \nabla \cdot \dot{\Delta} \dot{\sigma}^b \text{ } b p_a \nabla^a (\mathcal{F} \sigma^f_a \text{ } X \text{ } \Delta^c \triangleq \Gamma \cdot \dot{\Delta} \cdot \Delta \sigma \sigma^L_a \dot{L} \dot{b} \dot{r} \sigma^f_a \text{ } \mathcal{D} \mathcal{D} \dot{L} \text{ } \Delta p^a_{bX}$$
[illegible]



















Ḳḳḏḏḏḏ ḏ.ḏḏḏ, ḏḏḏ (ḳ Ḳḳ.Ḳḳḏḏḏ.ḏḏ ḏ Ḳḏḏ-  
 ḏḏḏ, ḏ ḏḏḏḏḏ (ḳ ḏḏḏ ḏḏḏḏḏ.ḏḏḏ St. John iii. 16.

$$\Lambda^2(\mathcal{L}^b \otimes \mathcal{L}^b \otimes \Delta \mathcal{P}) \subset \mathcal{L}^b \otimes \mathcal{L}^b \otimes \mathcal{L}^b$$

U·VĪb<sup>c</sup> ▷▷ ΔP)·Δe, b̄ < ΔĀU<sup>a</sup>Ċ·b<sup>c</sup> bP<sub>e</sub> Δσ-  
σ·Δ<sup>b</sup> Γ ▷(Λ<sub>e</sub>)·Δ<<sub>e</sub>, Δ◊ ◃ P<sup>k</sup><sub>y</sub> X P ∧ Δz̄<sup>b</sup> ▷▷ Ī  
ΔP<sup>a</sup><sub>b</sub> Γ ΛĪΓΔ<sup>b</sup> ΓΓΔJ·▽ΛΓσΓ<sup>a</sup><sub>x</sub> 1 Tim. i. 15.

$$\Lambda^a(\mathcal{J}^b \dot{b} \Delta \rho)^b \dot{<}_{\sigma} \rho^b \mathcal{L}^a_x$$
[illegible]

¶ 7.  $\nabla \cdot \Delta p_L$  and  $\Delta p_L$ ,

$$\triangleright L \wedge a \_ J^b \quad \rho U \Delta \cdot \dot{\triangleleft}_x$$
$$a \cdot q \cdot \Delta \int \Delta \cdot \nabla \cdot \Delta^a_x - \sigma^{ac} \cdot \Delta \wedge a_L \cdot \dot{\Delta}^c \quad \dot{\Delta} \Delta^o$$

$$UV^a \int q^b_x$$
$$\nabla_\mu \nabla_\nu \Delta \rho^i_L - \Delta^L V \hookrightarrow \dot{L}^j \nabla \dot{L}^a \Delta \Delta_0 UV - \sigma \Gamma_a{}^{ab} \rho \nabla_L \sigma)_x$$
$$a \cdot q \cdot \Delta \int \Delta \cdot \nabla \cdot \Delta a_x - \triangleright \sigma \int \int a \quad b \triangleleft \cdot b \triangleright \cdot q a \dot{c} \cdot b^c \quad \wedge$$

$$\triangleright \triangleright \int \Delta \int \int b \sigma \cdot \Delta a p < a_x$$

¶ Ἡ ἐν ἀποκάλυψιν· ΔΡΛ ρ Δὲ γὰρ β<·ΔC<sup>ab</sup> UV<sup>a</sup>ρβ > ΔΓσ·Δβσσ,  
(ΔΡ) C<sup>s</sup>,

[illegible]





[illegible]
$$\triangleright L \wedge \dot{s} \cdot \Delta \quad p \text{ } \mathcal{J} \text{ } b^b \quad \dot{b} \leq p \quad \sigma \cdot \mathcal{S} \text{ } \mathcal{I} \text{ } \dot{a} \text{ } b^b_x$$
[illegible]
$$\cdot \Delta^c \triangleleft \nabla \rho \mathfrak{J} b^b \quad \dot{b} \leq \rho \quad \sigma \cdot \mathfrak{S} / d a b^b_x$$
[illegible]

ἰ ρ Δ<sup>α</sup>ρ·Δσδ<sup>ι</sup>ῶ<sup>α</sup>β βαρρ·Δσ<sup>α</sup>β ἰ<sup>α</sup>·Δ<sup>α</sup>τ<sup>α</sup>ϸ·Δσ<sup>α</sup>β  
 ΔΔἸ·ἰ<sup>α</sup>ῶ<sup>α</sup>·Δ<sup>ι</sup>γ·Δσ<sup>α</sup>β ἰ<sup>α</sup>·ἰ<sup>α</sup>ῶ<sup>α</sup> ρ ρ<sup>α</sup>σ<sup>α</sup>τ<sup>α</sup>σ<sup>α</sup>ῶ<sup>α</sup>β ἰ<sup>α</sup>  
 ρ·ρ<sup>α</sup> ρ<sup>α</sup>γ X<sub>x</sub>

Ἰ<sup>α</sup>σ<sup>α</sup>π·Δδ<sup>α</sup>π·Δ<sup>α</sup><sub>x</sub>

ῖ<sup>α</sup> <γδ ρ<sup>α</sup>λσ)·Δ<sup>α</sup>ῶ<sup>α</sup>, <γδ ρ<sup>α</sup> π<sup>α</sup>ν<sup>α</sup>ρ<sup>α</sup>ῶ<sup>α</sup>;  
 ∇ϸ <γδδ<sup>ι</sup>·Δ<sup>α</sup>, τ<sup>α</sup>·ἰ<sup>α</sup>π<sup>α</sup>ρ - ν<sup>α</sup>δ<sup>α</sup>ῶ<sup>α</sup> (γ<sub>x</sub> Δ<sup>ι</sup>><sup>α</sup> ΔΔ<sup>ο</sup>  
 Ἰ<sup>α</sup>·ν<sup>α</sup>γ<sup>α</sup>ϸ(Ἰ<sup>α</sup>β ∇<sup>α</sup>ρ ρ<sup>α</sup>·Ἰ<sup>α</sup>·∇<sup>α</sup>Ἰδ<sup>α</sup>ρ<sup>α</sup>·∇<sup>α</sup>ἰ<sup>α</sup>τ<sup>α</sup>ῶ<sup>α</sup>, Γ ἰ  
 ἰ<sup>α</sup> ∇<sup>α</sup> U·ν<sup>α</sup>γ<sup>α</sup>ϸ(Ἰ<sup>α</sup>β ∇<sup>α</sup>ρ ρ<sup>α</sup>·Ἰ<sup>α</sup>·∇<sup>α</sup>Ἰδ<sup>α</sup>ρ<sup>α</sup>·∇<sup>α</sup>·ρ<sup>α</sup>τ<sup>α</sup>ῶ<sup>α</sup>,  
 ἰ<sup>α</sup> <σ<sup>α</sup>ρ<sup>α</sup> ΔἸ<sup>α</sup>ḡ, ἰ<sup>α</sup>·Δ<sup>α</sup> β<sup>α</sup>γ <ἰ<sup>α</sup> Δ<sup>ι</sup>∧U<sup>α</sup>Ἰδ<sup>α</sup>ρ<sup>α</sup>ρ<sup>α</sup>

¶ ρ ρ<sup>α</sup> β<sup>α</sup>ρἰβU<sup>α</sup> σ<sup>α</sup>δϸΔ<sup>α</sup> Δ<sup>α</sup>, (Δ<sup>α</sup>)ῶ<sup>α</sup>σ<sup>α</sup>·Δ<sup>α</sup>,

Γ (γ Δ<sup>α</sup>ρ<sup>ο</sup> ∇<sup>α</sup>ρ<sup>α</sup>ḡ<sup>α</sup> ἰ<sup>α</sup> ρ<sup>α</sup> ∇<sup>α</sup>ρ<sup>α</sup>ḡ<sup>α</sup> β<sup>α</sup> β<sup>α</sup>ρ<sup>α</sup> Δ<sup>α</sup>ρ<sup>ο</sup>  
 ρ<sup>α</sup>ρ<sup>α</sup>δ<sup>α</sup>β β (σ<sup>α</sup>ρ<sup>α</sup>·Δ<sup>ι</sup>ḡ, σ<sup>α</sup>·Δ<sup>α</sup>ϸ β<sup>α</sup> σ Ἰ<sup>α</sup>ḡ·∇<sup>α</sup>ἸΓ<sup>α</sup>  
 β<sup>α</sup> σ Γ·ῶ<sup>α</sup>)ἸΓ<sup>α</sup> ΔΔ<sup>ο</sup> γ<sup>α</sup> ∧<sup>α</sup>δ<sup>α</sup>γ<sup>α</sup>Ἰ<sup>α</sup>·β<sup>α</sup> ρ<sup>α</sup> Δ<sup>α</sup>δ<sup>α</sup>σ<sup>α</sup>ḡ<sup>α</sup>·Δ<sup>α</sup>,  
 Ἰ<sup>α</sup>ῶ<sup>α</sup> ρ Ἰ<sup>α</sup>ḡ·∇<sup>α</sup>τ<sup>α</sup>σ<sup>α</sup>ῶ<sup>α</sup>β, ρ Δ<sup>α</sup>ρ<sup>α</sup>)ῶ<sup>α</sup>β (γ, <σ<sup>α</sup>ρ<sup>α</sup>ῶ<sup>α</sup>,  
 <σ<sup>α</sup>ρ<sup>α</sup>ῶ<sup>α</sup>, <σ<sup>α</sup>ρ<sup>α</sup>ῶ<sup>α</sup>, UV<sup>α</sup>ρ<sup>α</sup>ῶ<sup>α</sup>β Ἰ<sup>α</sup>ḡ·Δ ρ<sup>α</sup>λσ)·Δ<sup>α</sup>ῶ<sup>α</sup>,  
 ρ<sup>α</sup>ρ<sup>α</sup>δ<sup>α</sup>β β<sup>α</sup> Δ<sup>α</sup>ρ<sup>α</sup>β Ἰ<sup>α</sup>ρ<sup>α</sup>τ<sup>α</sup>ῶ<sup>α</sup> ΔΔ<sup>ο</sup> ρ ∧<sup>α</sup>δ<sup>α</sup>γ<sup>α</sup>Ἰδ<sup>α</sup>ρ<sup>α</sup>·Δ<sup>α</sup>;  
 ρ ∧<sup>α</sup>δ<sup>α</sup>γ<sup>α</sup>Ἰδ<sup>α</sup>Δ<sup>α</sup>δ ἰ Δ UV<sup>α</sup>ρ<sup>α</sup>ῶ<sup>α</sup>β, Ἰ<sup>α</sup>ḡ·Δ Δ<sup>α</sup>ν<sup>α</sup>Ἰ<sup>α</sup>·  
 δ<sup>α</sup>ρ<sup>α</sup>ῶ<sup>α</sup><sub>x</sub> ∇<sup>α</sup><sub>x</sub>

¶ Γ (γ Δ<sup>ι</sup>γ<sup>α</sup>∇<sup>α</sup>·Δ<sup>α</sup>ρἸ ρ·Δ<sup>ι</sup>·Δ<sup>α</sup>ρ<sup>α</sup>·β<sup>α</sup>ḡ<sup>α</sup> ΔΔἸ UV<sup>α</sup>ρ<sup>α</sup>ῶ<sup>α</sup>β Δ<sup>α</sup>·Δ<sup>α</sup>ρ<sup>α</sup>·Δ<sup>ι</sup>·  
 β<sup>α</sup>σ<sup>α</sup>ῶ<sup>α</sup>β, (Δ<sup>α</sup>) ΔΔ<sup>ο</sup> Δ<sup>ι</sup>γ<sup>α</sup>Δ<sup>ι</sup>·Δσ<sup>α</sup>σ Δ<sup>α</sup>·Δ<sup>α</sup>δ<sup>α</sup>σ<sup>α</sup>ḡ<sup>α</sup>·Δσ<sup>α</sup>·Δ<sup>α</sup>ḡ<sup>α</sup>β β<sup>α</sup>ρ<sup>α</sup> Δσ<sup>ο</sup> ἰ ∧<sup>α</sup>  
 ῶ<sup>α</sup>ρ<sup>α</sup>βΓ<sup>α</sup>σ<sup>α</sup>ρ<sup>α</sup> ρ<sup>α</sup>γ<sup>α</sup> Δ σ<sup>α</sup>ν<sup>α</sup>·γ<sup>α</sup>·Δσ<sup>α</sup>σ<sup>α</sup><sub>x</sub>

ἰ<sup>α</sup>·Δ<sup>α</sup> σ<sup>α</sup>ϸ Δ<sup>α</sup>τ<sup>α</sup>ρ<sup>α</sup>Γ<sup>α</sup> ρ ∧<sup>α</sup>ῶ<sup>α</sup>ρ<sup>α</sup>βἸ<sup>α</sup>β ΔΔ ρ  
 ·Δ<sup>α</sup>ρ<sup>α</sup>·Δ<sup>ι</sup>ḡ<sup>α</sup>, Δ<sup>α</sup>·∇<sup>α</sup>ρ<sup>α</sup>ῶ<sup>α</sup>β UV<sup>α</sup>ρ<sup>α</sup>ῶ<sup>α</sup>β, ρ Δ<sup>α</sup>ν<sup>α</sup>σ<sup>α</sup>ḡ<sup>α</sup>Ἰ<sup>α</sup>β

[illegible]

¶  $\triangle A \triangle B \Gamma \nabla \cdot \triangle P L \Delta^a \Gamma^b \cdot \Delta b < \cdot \Delta C^a b \cdot \Delta \Gamma \sigma \cdot \triangle b \sigma \sigma \rho \nabla \cdot \triangle i^b \zeta$   
 $< \cdot q \delta b a^a \cdot b \zeta \cdot \Gamma \triangle \cdot \sigma \cdot b \zeta^b \rho \rho < \cdot q \delta b < \cdot q \delta b a^a \cdot b \zeta \cdot \nabla \triangle a^a b \cdot \Gamma \sigma \cdot b$   
 $b \sigma \sigma \rho \cdot \triangle < \Gamma d^b \Delta \sigma \sigma \cdot \triangle, ( \Delta \rho ) \Delta \Delta \triangle B \Gamma \triangle \cdot \Delta \sigma \sigma x$

[illegible]



( $L^{\epsilon}$   $P$   $\sigma > (\dot{L} \cdot \Delta^{\epsilon} X$ ,  $\Gamma$   $\Gamma \Gamma \Gamma^{\epsilon} \dot{b} \cdot \Delta^{\epsilon}$  ( $\epsilon$   $P U \Delta^{\epsilon} b$   
 $U \cdot V \epsilon^{\epsilon} (J \cdot \Delta^{\epsilon} \sigma^{\epsilon} b \dot{b} \epsilon \dot{\epsilon} \dot{d} J \cdot \Delta^{\epsilon} \sigma^{\epsilon} b_x$

¶  $\dot{\Delta}^{\epsilon}$  ( $\epsilon$   $\dot{\Delta}^{\epsilon} \Gamma \nabla \cdot \Delta^{\epsilon} P \dot{L} \dot{\Delta}^{\epsilon} \Delta^{\epsilon} \dot{L} \dot{b} \Gamma \sigma \cdot \dot{b} b \sigma \sigma$  ( $\Delta P$ ),

▷  $\Gamma^{\epsilon} \dot{P} L$   $UV \sigma \Gamma^{\epsilon} \Delta^{\epsilon} b$   $\Gamma^{\epsilon} X$   $\dot{b}$   $P$   $\Gamma^{\epsilon} \sigma \dot{b} U^{\epsilon} \dot{P}^{\epsilon}$   
 $\Delta^{\epsilon} \Gamma$  ( $\dot{L}$   $\wedge \dot{L} \Gamma \Delta^{\epsilon} \dot{d} \Delta^{\epsilon} \dot{P} \dot{L} \cdot \Delta^{\epsilon} b \dot{b} \epsilon$   $P^{\epsilon} \cdot \dot{\Delta} \dot{L} \dot{d} \Delta^{\epsilon} b \dot{P} \sigma^{\epsilon} b$   
 $\Gamma \wedge \dot{L} \Gamma \Gamma^{\epsilon} \Delta^{\epsilon} x$   $\Gamma \sigma \cdot q^{\epsilon} \Delta \Delta$ ,  $P$   $\Gamma \cdot q^{\epsilon} (L^{\epsilon}$   $P$   $\Gamma^{\epsilon} \sigma \dot{b} U^{\epsilon} \sigma^{\epsilon} b$   
 $\dot{P}^{\epsilon} \Delta^{\epsilon} \Gamma X$  ▷  $\Gamma^{\epsilon} \dot{P} L$ ,  $\epsilon \dot{\epsilon} \dot{d} J^{\epsilon}$  ( $\epsilon_x$

¶  $\Gamma$  ( $\epsilon$   $\dot{\Delta}^{\epsilon} \Gamma \nabla \cdot \Delta^{\epsilon} P \dot{L}$   $q$   $\Delta P$ ) $\epsilon$   $UV^{\epsilon} \Gamma^{\epsilon} q \sigma \Gamma^{\epsilon} \Delta^{\epsilon}$   $\Delta^{\epsilon}$   $\dot{\Delta}^{\epsilon} \Gamma \dot{\Delta}^{\epsilon} \Delta^{\epsilon} \sigma \sigma$   $\dot{b} \epsilon$   $b P^{\epsilon} a$   
 $\Delta^{\epsilon} \sigma \sigma \cdot \Delta^{\epsilon} \Gamma$   $\epsilon \dot{\epsilon} \dot{\epsilon} \wedge \dot{\epsilon} \dot{\epsilon} \dot{d} \epsilon_x$

•  $\nabla \dot{\Delta}^{\epsilon} \Gamma \Gamma^{\epsilon} \dot{d} \Delta^{\epsilon}$   $P \dot{S} \dot{d} \Delta^{\epsilon} b$   $\nabla^{\epsilon} \dot{\epsilon} \Delta^{\epsilon}$ , ( $P \Gamma^{\epsilon} \dot{\Delta}^{\epsilon} \wedge U^{\epsilon} \dot{\epsilon} \cdot b^{\epsilon}$   $P^{\epsilon}$   
 $\Delta^{\epsilon} \dot{S} \sigma^{\epsilon} \dot{b} \Gamma \cdot \Delta^{\epsilon} x$   $P^{\epsilon}$   $\Delta^{\epsilon} P \dot{L} \cdot \Delta \cdot \Delta^{\epsilon}$  ( $\epsilon$   $\epsilon \cdot P \dot{S} \sigma^{\epsilon} L b^{\epsilon} x$   $\nabla \dot{S}$   
 $\epsilon^{\epsilon} \epsilon \cdot \nabla^{\epsilon} (L^{\epsilon}$  ( $\epsilon$   $\Gamma^{\epsilon} \dot{b} U$   $\Delta \Delta \dot{L}$   $\Delta^{\epsilon} P^{\epsilon} b$   $\dot{L} \dot{L} \dot{d} \epsilon$   $P \Gamma^{\epsilon} P \dot{S} \dot{d} \Delta^{\epsilon} b_x$   
 $\Gamma \dot{S} \dot{S} \dot{\epsilon}^{\epsilon}$   $\sigma^{\epsilon} \dot{d} L$   $P \dot{S} \dot{b}^{\epsilon} q$   $\Delta^{\epsilon} \Gamma$   $\wedge \dot{L} \Gamma \Gamma^{\epsilon} \dot{L} \Delta^{\epsilon} b_x$   $\dot{\Delta}^{\epsilon} \cdot V \epsilon^{\epsilon} \sigma$   
 $\Gamma \dot{S} \dot{\epsilon}^{\epsilon}$  ( $\epsilon$   $\sigma$   $L \Gamma \Delta^{\epsilon} \dot{S} \Gamma^{\epsilon} q \cdot \Delta^{\epsilon} \sigma^{\epsilon} \dot{\epsilon} \sigma^{\epsilon}$ ,  $\nabla \dot{S}$   $\dot{\Delta}^{\epsilon} \cdot V \epsilon^{\epsilon} \sigma L P \cdot \dot{\epsilon}$   
 $\Delta^{\epsilon} P^{\epsilon} \dot{b}$   $L \Gamma^{\epsilon} \dot{\epsilon} \cdot \Delta^{\epsilon} \Delta^{\epsilon} \Gamma^{\epsilon} P^{\epsilon} \epsilon$   $q \dot{d}$   $\Delta^{\epsilon} \dot{S} \cdot \Delta^{\epsilon} \dot{S} \dot{S} \dot{b}^{\epsilon} q^{\epsilon} b \cdot q \Gamma^{\epsilon} V \sigma^{\epsilon} \sigma^{\epsilon}$   
 $\Gamma \cdot \Delta^{\epsilon} \sigma^{\epsilon} b$ ;  $\Gamma^{\epsilon} \cdot q \dot{d} L \cdot \Delta^{\epsilon} \dot{S} \dot{\epsilon}^{\epsilon}$  ( $\epsilon$   $b$   $\dot{L}^{\epsilon} \epsilon^{\epsilon} P^{\epsilon}$ ;  $\dot{P}^{\epsilon}$   $\dot{L}$   
 $\cdot \Delta^{\epsilon}$   $P$   $\Gamma^{\epsilon} V^{\epsilon} \dot{\epsilon}^{\epsilon}$   $\Delta^{\epsilon} P \dot{L} \cdot \Delta \cdot \Delta^{\epsilon}$   $\dot{b} \epsilon$   $L^{\epsilon} \dot{b} \cdot \Delta^{\epsilon} \Gamma \cdot \Delta^{\epsilon}$ ,  $b \epsilon$   
 $\dot{\Delta}^{\epsilon} \cdot \Delta^{\epsilon} \dot{L}^{\epsilon} \epsilon^{\epsilon} (J \cdot \Delta^{\epsilon}$ ,  $\dot{b} P \sigma^{\epsilon} b$   $b \epsilon$   $\dot{b} P \sigma^{\epsilon} b_x$   $\nabla \Gamma^{\epsilon} x$

¶  $\Gamma$  ( $\epsilon$   $\Delta \Delta$   $\Gamma$   $\Delta P$ ) $\epsilon_x$

$\dot{L} \dot{L} \cdot \Delta$   $L^{\epsilon} \dot{b} \cdot \Delta^{\epsilon} \Gamma^{\epsilon} \Delta^{\epsilon}$   $\dot{b} \epsilon$   $\dot{b} P q$   $q \dot{S} L \sigma \cdot \Delta^{\epsilon} \Delta^{\epsilon}$ ,  $\sigma^{\epsilon} \sigma^{\epsilon}$   
 $U \Delta^{\epsilon} \dot{\epsilon}^{\epsilon} b$   $\Delta^{\epsilon} \Gamma$   $\cdot \nabla \cdot \nabla \sigma$   $P$   $\epsilon \dot{\epsilon} \dot{\epsilon} \dot{d} \Gamma \sigma^{\epsilon} \dot{\epsilon}^{\epsilon}$   $\sigma^{\epsilon} \dot{d} L$   $P$   $\dot{\Delta}^{\epsilon} \Gamma$   
 $\dot{S} \dot{L} \Delta^{\epsilon} b \cdot \dot{b} \Delta^{\epsilon} b$   $P$   $\Delta^{\epsilon} \dot{\epsilon} \wedge \dot{d} \dot{L} \Delta^{\epsilon} b$   $\Delta \Delta$   $\Lambda \sigma$   $\dot{L} L^{\epsilon} \dot{\epsilon} \cdot \Delta$   $\dot{\Delta}^{\epsilon} \dot{P} \dot{\Delta}^{\epsilon}$ ,  
 $\Delta \Delta^{\epsilon} \dot{\Delta} \dot{L} \dot{d} \cdot \Delta$   $\Gamma^{\epsilon} L$   $q \Gamma^{\epsilon} \dot{\epsilon} \cdot \nabla^{\epsilon} \dot{\epsilon} \cdot b \Gamma^{\epsilon} \sigma^{\epsilon} b \cdot \Delta^{\epsilon} \Delta^{\epsilon}$   $\dot{b} \epsilon$   $\Delta$   $\Gamma^{\epsilon} \dot{P} L$



$\dot{p}_a \wedge \nabla C \text{ } p \wedge \dot{a} \cap r$ ;  $\dot{p}_a \wedge \nabla C \text{ } p \cap \nabla a \cap q$ ;  
 $\dot{p}_a \wedge \nabla C, \triangleright X, \dot{b} \wedge \dot{c} \sigma r^b \triangleleft \dot{b}^b, \text{ } p \dot{L} \cdot \triangleleft r \triangleleft \nabla a \dot{c} d r$   
 $\triangleright p r \cdot \dot{c} \cdot \nabla a \dot{c} d r \cdot \triangleleft \sigma^{ab} p \dot{L} \sigma) \cdot \nabla \dot{c} r \Gamma^{ab} x \quad \nabla \Gamma^{ab} x$

[illegible]

$\Delta\Delta^{\circ} \triangleright \wedge \dot{\lambda} \sigma \Delta \cdot \nabla \cdot \Delta^{\circ} \text{ PZL}\sigma), \triangleleft \cdot \dot{\lambda} \text{S}\gamma \text{ qU}^{\circ} \text{C}$   
 $\cdot \text{b}\Pi\sigma^{\circ} \text{ r } \sigma \text{r}) \text{r} \dot{\text{b}} \text{U}\sigma^{\circ} \text{ (}\dot{\text{L}} \text{ b} \Delta \cdot \nabla^{\circ} \text{C} \dot{\text{L}} \text{d} \text{G}^{\circ} \text{ PUD} \cdot \dot{\lambda}^{\circ} \text{ab}$   
 $\dot{\text{b}} \text{G} \text{ P}^{\circ} \Delta \text{b}^{\circ} \text{C} \text{J} \cdot \Delta \sigma \cdot \dot{\lambda}^{\circ} \text{ab} \text{ r } \text{Pq}\sigma \text{G}^{\circ} \text{ bG} \text{ r } \dot{\lambda} \text{P}\nabla^{\circ}$   
 $\text{PZL}\sigma), \dot{\text{b}} \text{G} \triangleright \cdot \text{P} \text{K}^{\circ} \text{ r} \text{K}^{\circ} \text{ X UV}\sigma \text{G}^{\circ} \text{ab}; \dot{\text{b}} \text{G} \Delta\Delta^{\circ}$   
 $\triangleright \text{G} \text{d}) (\dot{\text{q}} \cdot \Delta^{\circ} \text{ PZL}\sigma) \dot{\text{L}} \text{b} \text{L} \cdot \Delta \text{L}^{\circ} \text{b} \cdot \Delta \text{r}^{\circ} \cdot \nabla \text{c} \text{r} \text{G}^{\circ} \text{ab},$   
 $\cdot \nabla \cdot \text{P} \text{r} \text{G}^{\circ} \text{ab} \dot{\text{b}} \text{G} \text{C} \text{r}^{\circ} \text{L}^{\circ} \triangleleft \dot{\text{L}}^{\circ} \text{b} \text{P} \dot{\text{b}} \triangleleft \text{G}^{\circ} \text{ab} \triangleleft \dot{\text{b}} \text{G} \dot{\text{b}} \text{P}\sigma^{\circ}$   
 $\cdot \Delta \text{r} \text{C} \text{S} \text{q} \text{G} \text{d} \dot{\text{q}} \cdot \triangleleft_{\text{x}} \nabla \text{G}^{\circ} \text{ab}_{\text{x}}$

१  $\Delta \nabla \Gamma \Delta \cdot \Delta \alpha_x$

. $\Delta$ ) $\dot{b}$ · $\Delta$  $\dot{s}$  $\dot{a}$ ,  $\triangleright$   $q\dot{n}\dot{l}q\dot{a}f\dot{q}h\dot{a}$   $uv\dot{a}f\dot{q}h\dot{a}$ ,  $\triangleright\triangleright$   
 $\nabla$  $\dot{s}$   $a\dot{a}$ )( $\dot{l}$ · $\Delta$  $\sigma\dot{a}^b$   $\dot{b}$  $\dot{a}$   $\dot{q}\dot{l}\dot{y}\dot{f}\dot{v}\dot{c}$ · $\Delta$  $\sigma\dot{a}^b$ ,  $\Delta$  $\dot{s}f(\dot{l}$ -  
 · $\Delta$  $\dot{d}^b$  ( $\hookrightarrow$   $\triangleright$   $f\dot{b}\sigma$ · $\triangleleft$   $p$   $<$   $f\dot{c}b\dot{a}^b$   $f$   $p$   $\triangleright$   $n(\dot{c}$ · $\dot{q}\dot{l}$   $\dot{b}p\dot{q}$   
 $\wedge\dot{l}f\Delta$ · $\nabla$ · $\Delta$  $\sigma\sigma$ ;  $b\dot{p}a$   $\triangleleft\dot{a}^b$   $\nabla\sigma$   $\dot{q}\dot{l}\dot{y}\dot{f}$ · $\nabla$  $<^b$   $\triangleright\triangleright\dot{l}$





Ἰ<sup>ἰ</sup>Ἰ·Δ Ἰ<sup>ἰ</sup>ḃ·Δ<sup>ρ</sup>ḃ<sup>α</sup> ρ<sup>2</sup>Ἰσ), ·∇<sup>α</sup>ρἸ<sup>ḃḃ</sup> ḃ<sup>ρ</sup><sub>α</sub> ḃ<sup>ρ</sup>(  
·∇<sup>α</sup>(Ἰ·Δ<sup>α</sup>, 99<sup>α</sup>(Ἰ<sup>α</sup> σ Ἰ<sup>ḃ</sup>·Δσ<sup>ḃ</sup>σ<sup>α</sup> Ἰ·<sup>ḃ</sup> <sup>ḃ</sup><sub>α</sub>)(Ἰ<sup>ḃ</sup><sup>ḃ</sup>  
ḃ<sup>ḃ</sup>, ḃ<sup>ḃ</sup> 99<sup>α</sup>(Ἰ·<sup>ḃ</sup><sub>ḃ</sub> ΔΔ<sup>ο</sup> 9 Δ<sup>ḃ</sup> <sup>ḃ</sup><sub>α</sub>)(Ἰ<sup>ḃ</sup><sup>ḃ</sup><sub>ḃ</sub>; ρ <sup>ḃ</sup><sub>α</sub>  
) (Ἰ·Δσ<sup>ḃ</sup> Ἰ ρ<sup>ḃ</sup>Ἰ<sup>ḃ</sup><sup>ḃ</sup>(Ἰ<sup>α</sup> σ σ<sup>ḃ</sup>Γ<sup>ḃ</sup>·Δσ<sup>ḃ</sup>σ<sup>α</sup>; ḃ<sup>ḃ</sup>  
Δσ<sup>ο</sup> <sup>ḃ</sup><sub>ḃ</sub>Δ<sup>α</sup> ∇<sup>ḃ</sup>ḃ<sup>ḃ</sup> ሀ<sup>ḃ</sup>9<sup>α</sup>(<sup>ḃ</sup><sub>ḃ</sub>ḃ<sup>ḃ</sup>·<sup>ḃ</sup><sub>ḃ</sub> Ἰ <sup>ḃ</sup><sub>α</sub>)(Ἰ<sup>ḃ</sup><sup>ḃ</sup><sub>ḃ</sub>,  
ḃ<sup>ḃ</sup> ∇<sup>ḃ</sup>ḃ<sup>ḃ</sup>·<sup>ḃ</sup><sub>ḃ</sub>ḃ<sup>ḃ</sup> ρ ḃ<sup>ḃ</sup>ḃ<sup>ḃ</sup>·<sup>ḃ</sup><sub>ḃ</sub> Ἰ <sup>ḃ</sup><sub>α</sub>)(Ἰ<sup>ḃ</sup><sup>ḃ</sup><sub>ḃ</sub>,  
Δ<sup>ḃ</sup><sub>α</sub>(<sup>ḃ</sup> Ἰ ሸ<sup>ḃ</sup><sup>ḃ</sup><sub>ḃ</sub> ሃ ሀ<sup>ḃ</sup>ḃ<sup>ḃ</sup>ሀ<sup>ḃ</sup>(<sup>ḃ</sup><sub>ḃ</sub>·Δ<sup>α</sup> ሃ<sup>ḃ</sup> ሸ<sup>ḃ</sup><sup>ḃ</sup>  
ḃ<sup>ḃ</sup> X ሀ<sup>ḃ</sup>ሸ<sup>ḃ</sup>ሸ<sup>ḃ</sup>ሸ<sup>ḃ</sup><sub>ḃ</sub> ∇<sup>ḃ</sup><sub>ḃ</sub>

Ἰ<sup>ἰ</sup>Ἰ·Δ Ἰ<sup>ἰ</sup>ḃ·Δ<sup>ρ</sup>ḃ<sup>α</sup> ρ<sup>2</sup>Ἰσ), ḃ ρ Δ<sup>ḃ</sup><sub>ḃ</sub> Ἰ  
ḃ<sup>ḃ</sup>(Ἰ·<sup>ḃ</sup> ሃ <sup>ḃ</sup><sub>α</sub>)(Ἰ<sup>ḃ</sup>·Δσ·<sup>ḃ</sup> Δ<sup>ḃ</sup><sub>ḃ</sub> ∇<sup>ḃ</sup>ሸ<sup>ḃ</sup>(Δ·ḃ  
ሸ<sup>ḃ</sup> ሃ<sup>ḃ</sup> Δ<sup>ḃ</sup>σ<sup>ḃ</sup>ḃ<sup>ḃ</sup>·Δσσ<sup>ḃ</sup><sub>ḃ</sub>; ρ <sup>ḃ</sup><sub>α</sub>)(Ἰ·Δσ<sup>ḃ</sup> Ἰ ρ<sup>ḃ</sup>  
Ἰ<sup>ḃ</sup>(Ἰ<sup>α</sup> σ<sup>ḃ</sup> <sup>ḃ</sup><sub>ḃ</sub>ሸ<sup>ḃ</sup>ሸ<sup>ḃ</sup>·Δσ<sup>ḃ</sup>σ<sup>α</sup> ḃ<sup>ḃ</sup> σ <sup>ḃ</sup><sub>α</sub>)(Ἰ<sup>ḃ</sup>·Δσ<sup>ḃ</sup>σ<sup>α</sup>  
ፊ<sup>ḃ</sup>ሃ ḃ Δ<sup>ḃ</sup>ሸ<sup>ḃ</sup>(Ἰ·Δσ<sup>ḃ</sup><sub>ḃ</sub>; <ρ<sup>ḃ</sup>ሀ<sup>ḃ</sup>(Ἰ·Δ<sup>ḃ</sup><sub>ḃ</sub> (ḃ Δσ<sup>ο</sup>  
ሸ<sup>ḃ</sup>Δ<sup>α</sup> ·ḃ<sup>ḃ</sup> ḃ ρ <sup>ḃ</sup><sub>α</sub>)(Ἰ<sup>ḃ</sup><sup>ḃ</sup><sub>ḃ</sub> Ἰ<sup>ḃ</sup> ∇<sup>ḃ</sup><sub>α</sub>(Ἰ<sup>α</sup> ሀ<sup>ḃ</sup>  
Ἰ <sup>ḃ</sup><sub>ḃ</sub>ḃ<sup>ḃ, 9 ሃ<sup>ḃ</sup> ሸ<sup>ḃ</sup>ሸ<sup>ḃ</sup>·<sup>ḃ</sup><sub>ḃ</sub> ḃ<sup>ḃ</sup> 9 ሃ<sup>ḃ</sup> ·<sup>ḃ</sup><sub>ḃ</sub>ሸ<sup>ḃ</sup>  
σ·∇<sup>ḃ</sup><sub>ḃ</sub> ρ ሸ<sup>ḃ</sup>9<sup>α</sup>(<sup>ḃ</sup><sub>ḃ</sub>·Δ<sup>α</sup>, ·<sup>ḃ</sup><sub>ḃ</sub> ሃ<sup>ḃ</sup> ḃ<sup>ḃ</sup> X ሀ<sup>ḃ</sup>ሸ<sup>ḃ</sup>  
ሸ<sup>ḃ</sup>ሸ<sup>ḃ</sup><sub>ḃ</sub> ∇<sup>ḃ</sup><sub>ḃ</sub></sup>





[illegible]







ḅḡ ῥ ሀ.ፕፋሮሮ ሕ ሻጌ ሶካ **X** ረፋፆፆፆፆ ል.ፆራ  
 ሀፕፆፆፆፆ, ሕ ሻፆፆ.Δፆፆ ለፆ ልጌ.ፆፆ, ῥ ፆፆ.Δፆፆፆ  
 ልፆፆፆ.ፆፆ ገፊፆፆ, ῥ .ፆፆፆፆ(ፆፆፆ ልፆፆ ረፆፆፆ  
 ረፆፆፆፆ, ሕፆ ῥ ራፆ.ፆ.ፆፆፆ ሻፆፆፆፆፆፆፆ, ῥ ፆፆፆ,  
 ሕፆ ῥ ልፆፆ.ፆፆፆ.ፆፆ, ῥ ልፆፆ ሻፆፆፆፆፆ; ፆፆፆፆፆፆፆ  
 (ፆ ῥ ሻፆፆፆፆ, ፆፆፆፆፆፆ ῥ ልፆፆ, ልፆፆ (ፆ ልፆፆ  
 ልፆፆፆፆፆ ፆፆፆፆ) ሻፆፆ .ፕፆፆፆፆ ሻፆፆ.ፆ ራፆ.ፆፆ;  
 ፆ (ፆ ልፆፆፆ ፆ ለፆፆፆፆ ῥ ለ ለፆፆፆ ፕፆፆፆፆፆ  
 ሕፆ ፆፆፆፆ?

ḅḡ ῥ ሀ.ፕፋሮሮ ሕ ሻጌ ረፆፆ ልጌፆ; ሕፆ  
 ሻፆፆፆፆ .ፆፆፆ ሻፆፆፆ.ፆፆ; ሕፆ ῥ .ፆፆፆፆፆ.ፆፆ  
 ፕፆፆፆፆፆ; ῥ ሻፆፆፆፆፆ ራፆፆፆ.ፕፆፆ.ፆፆፆፆ; ῥ  
 ሻፆፆፆፆፆፆ .ፆፆ.ፆፆፆ, ሕፆ ሕፆፆ ለፆፆፆ.ፆፆ ሻፆፆፆፆ?

ፆ.ፆ.ፆፆፆ.ፕ.ፆፆ — ፆፆ ልፆ ሀፆ ፆፆ ሀ.ፕ-  
 ፋሮሮ<sub>x</sub>

ሻፆፆፆ.ፆፆፆ — ῥ ሕ ራፆፆፆ ሕ (ፆ ልፆ ሀ.ፕ-  
 ፋሮፆፆ.ፆፆፆፆ?

ፆ.ፆ.ፆፆፆ.ፕ.ፆፆ — ፆ ራ ፕፆ ልፆፆ.ፕፆፆፆ<sub>x</sub>

ሻፆፆፆ.ፆፆፆ — .ፆፆ.ፆፆ ሕ ῥ ሕ ሕፆ.ፕፆፆፆ ፆፆፆፆ)  
 ልፆ ሕፆፆ.ፕፆፆፆ.ፆፆ ሕፆ ልፆ ሕፆፆ.ፆፆፆ, ሕፆ ῥ  
 ለፆፆፆ ልፆፆ ፆፆፆ ፆ ለፆፆፆፆ?

ፆ.ፆ.ፆፆፆ.ፕ.ፆፆ — ፆ ራ ፆፆ ልፆፆፆፆ<sub>x</sub>

¶ ፆ (ፆ ሻፆፆፆፆፆ ፆ ልፆፆፆ,

ፆ ራ.ፕፆፆፆፆፆ ፆፆፆፆ), ረፆፆፆፆ .ፆፆፆ ሕፆፆ ሻፆፆ



ḅUḅ ḌῥΔῥ.ḇḌῥ.Δḗ; <ῥUḗḗ ḗ .ḏḏḗ ḏḌḗῥḗ  
ḇḗḏḌ ḏḏḌ ሳ ῥḅḏḏḗ.ḏḏḗḗ.Δḗ, ῥ Ḍḗ.ḅḗḗ.Δḗ ሙḌ  
ῥ ḗ.ḇḗῥሳ.Δḗḗ, Ḍḗḅ ḗ ῥ ḗ.ḅῥḌḅḗḗ.Δḗ ῥ  
U.ḇḗḗḗ.Ḍ ḏḌḗῥῥḌḗ, .ḏḗ ḏḗῥ ῥḗḗ X UVḗḗ-  
ḗḗḗḗx ḇḗḗḗx

¶ Ḍ ḗ ḏḗḗḗ.ΔῥḌ ῥ ḏḗḗḗ ḏḌḗῥḗ ḏ ḅḗ ḏḗḗ ḗ ḏḗḗ  
ḗḗ.Δḗḗḗḗ,

.Δḗḗ .ḏḏḗ ḏḌḗῥḗx

¶ Ḍ ḗ ḏḗḗḗ.ΔῥḌ ሳ ῥḅḏḏḗ.ḏḗ, Δῥḗḗ,

ῥ ῥḅḏḏḗ.Δḗ ḗ ḏḗ ḏḗḗḗ.Δḗḗḗ .ḇḗῥḗḗḗ, ḅḗ  
.ḇḗῥḗḗḗ, ḅḗ ḗḗḗḗ ḏḗḗḗx ḇḗḗḗx

¶ Ḍ ḗ ḏḗḗḗ.ΔῥḌ ሳ Δῥḗḗ,

ḗḗ ḏḗḗḗḗ ḗ .ḏḏḗ ḏḌḗῥḗ ḏḏḌ ḇḗ  
Ḍḗḗḗḗḗḗ X ḏḗ ḏḗḗḗ.Δḗḗḗḗ, ḅḗ ሙ ῥῥḗ-  
.ḏḗḗḗḗ ḇḗḗḗḗḗ ḏḗḗḗḗḗḗ, ῥ ḏḗḗḗ ῥ  
.Δḗḗḗ ῥ U.ḇḗḗḗḗ Xḗ ḅ ῥ ḗḗḗḗ.ḏḗḗḗḗḗḗ,  
ḅḗ .ḏḗḗḗ ῥ Ḍḗḗḗ ḗḗ ḏ ῥῥ.ḇḗḗḗḗḗḗ ḌῥΔῥ-  
ḇḗḗḗ.Δḗḗḗ, ḏῥḗ, ḅḗ Ḍῥḗḗḗ; ḅḗ Ḍḗḗ ῥ  
ḗḗ.Δḗ X ḏ U.ḇḗḗḗ.Ḍ ḗḗḗḗḗḗ ḅḗ ḏ <ḗḗḗ-  
ḗḗḗ ḗḗ ሳ Ḍḗḗḗḗx ḇḗḗḗx

¶ Ḍ ḗ ḏḗḗḗ.ΔῥḌ ሳ Δῥḗḗ,

ῥ .ḏḗḗḗḗḗ, ሳῥ ḗῥḗḗḗḗ, ሙḗḗḗḗ, .ḏḏḗ

ቀላሉን ሆኖ ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡  
 ለሆኑ ግለሰቦች ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡  
 ሆኖም ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡

¶ ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡

ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡  
 ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡  
 ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡  
 ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡

¶ ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡

ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡  
 ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡  
 ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡  
 ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡  
 ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡ ሆኖም ማረጋገጥ ይቻላል፡፡

σ>σῥ<sup>α</sup>, Γ (ς ḅḳ ῥ .Δῥ.ḳḏ ῥ ḳḏḏḏḏḏḏḏḏ; Δ<sup>α</sup>.ḅ-  
ḏḏḏḏ (ς ḳῥḏ ḅῥ<sub>α</sub> ḏḏḏḏ ῥ ḏḏ ḳḏḏḏḏ.Δḏḏḏḏḏ,  
ῥ ῥ ḏḏḏḏ ῥ ḅῥḳ ḏῥḏ.Δ.Δḏḏḏ, .ḏ<sup>α</sup> ḏḏḏ X  
UVσΓ<sub>αḅx</sub> ∇Γ<sub>αx</sub>

¶ ḅῥ<sub>α</sub> (ς ῥ σḳ.Δ.ḳḏ, ḳḏḏḏ.Δῥḏ ḏ ḅḏ Δḏ<sup>α</sup> Δḏ<sup>ο</sup>

ḏḏḏḏḏḏḏ<sub>x</sub>

.ḳḏḏ ḳḏḏḏḏ ῥ ḏḏḏ ῥ<sub>α</sub>.ḳ ῥ Δ.ḏḏḏḏḏ ῥ  
.∇ḏḏḏ ḏḏḏḏḏ ḅḳ ḅῥ<sub>α</sub> ḏḏ ḳḏḏḏḏ.Δḏḏḏ, ῥ  
U.Vḳḏḏḏ ῥḏḏḏḏ, ḅḳ ῥ ḳḏḏḏḏ; ῥ ḅ ῥ.ḳḏ-  
ḏḏ.ḳ ῥ<sub>α</sub>.ḳ ῥ Δḏḏḏḏḏḏ ῥ .ḳḏḏḏḏ ῥ ῥῥḏḏḏḏ-  
.ḳḏḏ.Δḏ .ḳḏḏ ḳḏḏḏḏ .Δḏḏ ḳḏ ḅḏῥḏḏ, ∇ḏḏ  
ḏḏḏḏḏḏḏḏ ḏḏḏ.Δḏḏḏ ḏḏḏḏ ḏḏḏ ḅ ῥ Δῥḏḏ  
ῥ<sub>α</sub>.ḳ ῥ Δ.ḏḏḏḏḏ<sub>x</sub> ḳḏḏḏḏ (ς ῥ ῥḳḏḏḏ ḏḏ  
ḳḏḏḏ, ῥ ḅ ḅḅḏḏḏ.ḳ ῥ ḏḏḏḏ ḅῥῥḏḏ.∇.Δḏḏ;  
ḳḏḏḏḏ (ς ῥ ḅ ḅ.ḳ)ḏḏ.ḳ ῥ ῥῥḏḏḏḏ.ḳḏḏ.Δḏ Δḏḏ  
U.Vḳḏḏḏ.Δḏḏḏ, UVḏḏḏḏ ḏḏ ḳḏḏḏḏ.Δḏ, ḅḳ Δḏḏ  
ḏḏḏ ḅῥ.ḳ.Δḏḏ ḏḏḏ.∇ ḏḏ ḏḏḏḏ.Δḏḏḏ, ḅḳ ḅῥ<sub>α</sub>  
ḏḏḏḏ ḳḏḏḏ Δḏḏ ḅḏḏḏḏ ḳ ῥḳḏḏḏḏḏ ḅḳ ḳ  
U.Vḏḏḏḏ ῥ ḏḏḏḏḏ ḏḏ ḳḏḏḏḏ; ḅḳ .ḳḏḏ ḳḏḏḏḏ  
.ḅḏḏ ῥ ḳḏ ḏḏḏḏḏḏ ῥ ḏḏḏḏḏ ḏḏḏ.Δ ḅḳ  
ḅḏḏḏḏḏ.Δ ḏḏḏḏ.Δḏḏḏ; ḏḏḏ ῥ ῥ.ḳḏḏḏ Δḏḏ  
ῥḅḳḏḳ.Δḏ ῥ ῥῥḏḏḏḏḏḏ ḳ Δḏḏḏḏḏḏḏḏ; Γ (ς  
Δḏḏ ῥ ῥῥ<sub>α</sub>.ḳḏḏḏ Vḏḏḏḏḏ X, ḅḳ ῥ Δḏḏḏḏḏḏ  
ḏḏ .ḏḏ; ḏḏḏ .ḏḏ ῥ σḏḏ ḅḳ ῥ<sub>α</sub>.ḳ ῥ ḳḏḏḏḏ



Δσ° ḡNPR<sub>L</sub>,

PP<sub>Δ</sub>Δ<sub>L</sub>9.Δ<sup>α</sup> ῑ P9<sup>α</sup>(<sup>α</sup> bP<sub>α</sub> Δ.Δ<sup>β</sup> ῑ.ḡ ḡῑῑΔḡ<sup>β</sup>

PRḡḡΓ∇.ΔP<sub>L</sub>.Δ<sup>α</sup><sub>x</sub>

b.9ῑΓ.∇.Δ<sup>α</sup><sub>x</sub> — ḡḡ<sup>α</sup> ∇Sσḡῑ<sup>β</sup>ῑ<sup>β</sup>?

α.9.ΔSΔ.∇.Δ<sup>α</sup><sub>x</sub> — ḡ ḡ<sub>L</sub> Δ<sub>x</sub>

b.9<sub>x</sub> — Δ.∇<sup>α</sup>ḡ<sup>β</sup> ḡ Γσ.ḡ ΔΔ Sσḡῑ<sup>β</sup>ῑ<sup>β</sup>.Δ<sup>α</sup>?

α.9<sub>x</sub> — ΔP° ḡ ῑ σ<.Δ(L.Δ.ḡ<sup>β</sup> ΔΛ ḡ ῑbḡ<sup>α</sup>ḡ<sup>β</sup>.  
ῑ<sup>β</sup>, ΔΔ<sub>L</sub> ḡ ῑ ΔSΔḡ<sup>β</sup> ῑ .Δῑ.Δ<sup>β</sup> X, ῑ Δσḡ-  
σῑΓ<sup>β</sup> P<sub>L</sub>σ), ḡ<sub>L</sub> ῑ (bPΓḡ<sup>β</sup>ῑ<sup>β</sup> PRPḡῑ.Δ ΔP<sub>L</sub>.Δ-  
ḡ.Δσ<sup>α</sup>b<sub>x</sub>

b.9<sub>x</sub> — ḡḡ<sup>α</sup> ḡ )(ḡ.Δ.ḡ ΔΔ° ΔΛ ΔP° ḡ ῑ  
σ<.Δ(Δ.Δ.ḡ?

α.9<sub>x</sub> — σῑ<sup>α</sup> 9ḡ<sup>α</sup> ῑ Lḡḡ.Δ ΔP).Δ<sup>β</sup> σ<sup>α</sup> ΔS-  
σḡῑ<sup>β</sup>ῑ<sup>β</sup>.Δσ<sup>α</sup>b<sub>x</sub> σ(L ῑ .∇Λḡ<sup>β</sup> LῑLσ) ḡ<sub>L</sub> bP<sub>α</sub> Δ<sup>α</sup>  
ΔḡP.Δ<sup>α</sup>, bP<sub>α</sub> ΔP.Δ LḡUσḡ.Δ<sup>α</sup> ḡ<sub>L</sub> PUσḡ-  
.Δ<sup>α</sup>, ḡ<sub>L</sub> bP<sub>α</sub> .Δḡῑ.Δ Lῑ α<sup>α</sup>(∇<sup>α</sup>(ḡ.Δ<sup>α</sup><sub>x</sub>  
Γ<sup>α</sup>.Δ, ῑ U.V(ḡ<sup>α</sup> bP<sub>α</sub> Δσ° ḡ<sup>β</sup>ḡḡḡσ.Δ U.Vḡ<sup>α</sup>-  
(ḡ.Δσ<sup>α</sup>ḡ ḡ ḡḡῑ<sup>α</sup><sub>x</sub> Γ<sup>α</sup>.Δ (ḡ, ῑ b<sup>α</sup>.∇<sup>α</sup>(ḡ<sup>α</sup>  
P<sub>L</sub>σ) Δ Λσ Δḡ<sup>α</sup>(ḡ.Δ<sup>α</sup> ḡ<sub>L</sub> Δ bP.9.Δ<sup>α</sup>, ῑ  
Λḡḡ<sup>α</sup> (ḡ ΔΔ<sub>L</sub> Γσḡ 9 Λḡḡῑ<sup>α</sup><sub>x</sub>

b.9<sub>x</sub> — ḡ.Δ<sup>α</sup> ḡ σ<sup>α</sup> ḡ U.V(ḡ<sup>α</sup> ḡ<sub>L</sub> )(ḡ<sup>α</sup> P<sup>α</sup>  
Δḡ<sup>α</sup>(L ḡ<sup>α</sup> ḡ ῑ Δ.ḡ(ḡ.Δ.ḡ?

α.9<sub>x</sub> — Γ<sup>α</sup>9ḡ<sup>α</sup>; P<sub>L</sub>σ) (ḡ ῑ .Δ)ḡ.ΔS<sup>α</sup> σ<sup>α</sup> ḡ





Γ<sub>α</sub>·Δ (ς Δ<sub>Δ</sub> P<sub>2</sub>Lσ) ·∇·P<sub>2</sub>Γ<sub>α</sub><sup>α</sup>, ḡ P P<sub>2</sub>Λ<sub>α</sub>σ<sup>α</sup>  
 ḡ b<sub>Pα</sub> Δσσ·Δ<sub>α</sub><sub>x</sub>

Γ<sub>α</sub>·Δ (ς Δ<sub>Δ</sub> P<sub>2</sub>Lσ) <σ<sup>α</sup> Δ<sub>Δ</sub><sup>α</sup>, Δ<sub>Δ</sub> ḡ ΛσΔ<sub>Δ</sub><sup>α</sup>,  
 ḡ b<sub>Pα</sub> P<sub>2</sub>Lσ) > Δ<sub>Δ</sub>Γ<sub>Δ</sub>·ΔσσL<sub>α</sub><sub>x</sub>

b·q<sub>x</sub> — P P ΔP) P L<sub>α</sub>ḡ·Δ ΔP)·Δ<sub>Δ</sub> ΔP<sub>0</sub> ḡ P  
 σ<·Δ(Δ<sub>Δ</sub>·Δ·b P b<sub>α</sub>·∇<sub>α</sub>(L<sub>α</sub> P<sub>2</sub>Lσ) > bP·q·Δ<sub>α</sub><sub>α</sub><sub>x</sub>  
 ·Δ<sub>α</sub>(Δ<sub>Δ</sub>·Δ<sub>Δ</sub><sup>α</sup> ḡ ∇<sub>α</sub>(Pσσ<sup>α</sup>?)

α·q<sub>x</sub> — Γ<sub>Δ</sub>·P<sub>x</sub>

b·q<sub>x</sub> — Δ<sub>Δ</sub><sup>α</sup> ḡ Δσ<sub>0</sub>?

α·q<sub>x</sub> — Δσ<sub>0</sub> ḡ ḡ P ΔP)<sub>Δ</sub> P<sub>2</sub>Lσ) ΔΔ<sub>Δ</sub> Δ<sub>α</sub>(α  
 <qΛΔbσ<sup>α</sup> ∇<sub>Δ</sub>(L<sub>α</sub>Δbσ<sup>α</sup>, P ΔP)<sub>Δ</sub>, Δ<sub>α</sub> ḡ  
 UV<sub>α</sub>P<sub>2</sub>q<sub>Δ</sub> P P<sub>2</sub>Lσ)<sub>Δ</sub>, ḡ P Δ<sub>α</sub>P ḡP<sub>2</sub>·Δσ<sub>α</sub>Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>α</sub>  
 ΔP<sub>α</sub>, ΔΔ<sub>Δ</sub> Δ<sub>Δ</sub>·Δ<sub>Δ</sub>·∇ ·Δ<sub>Δ</sub>Δ<sub>α</sub>σ<sup>α</sup> Δ<sub>α</sub>P<sub>x</sub>

1. b·Δ<sub>α</sub> Δ<sub>Δ</sub>Δ<sub>α</sub> d(ḡ P b > Lσ)Γ<sub>Δ</sub> Δ<sub>α</sub> ∇<sub>Δ</sub>

2. b·Δ<sub>α</sub> P b > Δ<sub>Δ</sub>(Δ<sub>Δ</sub>Δ<sub>Δ</sub> L<sub>Δ</sub>σσ b<sub>Δ</sub> q<sub>Δ</sub> ∇<sub>Δ</sub>Δ<sub>α</sub>σ<sup>α</sup>  
 Δ<sub>α</sub>ΛΓ<sub>α</sub> P<sub>2</sub>Δ<sub>α</sub>, b<sub>Δ</sub> ΔP<sub>α</sub> (<Δ<sub>α</sub>, b<sub>Δ</sub> σΛ<sub>α</sub>σ<sup>α</sup>  
 Δ<sub>Δ</sub>LbΓ<sub>α</sub><sub>x</sub> q<sub>Δ</sub> ·Δ<sub>α</sub> ·Δ<sub>Δ</sub>·Δ<sub>Δ</sub>·bσ(Δ<sub>Δ</sub>ḡ b<sub>Δ</sub> q<sub>Δ</sub> Δ<sub>α</sub>-  
 Γ<sub>Δ</sub>(Δ<sub>Δ</sub>ḡ; Δ<sub>α</sub> Δ<sub>Δ</sub> UV<sub>α</sub>P<sub>2</sub>q<sub>Δ</sub> P P<sub>2</sub>Lσ)<sub>Δ</sub> σ<sub>α</sub>  
 Δ<sub>α</sub>U<sub>α</sub>(Δ<sub>Δ</sub> P<sub>2</sub>Lσ)·Δ<sub>α</sub> ḡ, b<sub>Δ</sub> σ Δ<sub>Δ</sub>b<sub>Δ</sub>·Δ<sub>α</sub> >  
 L<sub>Δ</sub>Δ<sub>Δ</sub>·∇Λ<sub>Δ</sub>·Δσ·Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sub>Δ</sub> > σ<sub>Δ</sub>σ<sub>Δ</sub>·Δ<sub>α</sub>, Δ<sub>α</sub>σ<sub>Δ</sub>  
 b<sub>Δ</sub> σ·Δ<sub>α</sub> P Δσ Δ<sub>Δ</sub>q Λ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sub>Δ</sub> ΔP<sub>0</sub> Δ<sub>α</sub>qσΓ<sub>Δ</sub>·ḡ,  
 b<sub>Δ</sub> σ Δ<sub>α</sub>·∇σ<sub>Δ</sub> Γ<sub>Δ</sub>·ḡ ΔP<sub>0</sub> ḡP<sub>2</sub>Δ<sub>Δ</sub>·ḡ b<sub>Δ</sub> q<sub>α</sub>·∇<sub>α</sub>-  
 (Δ<sub>Δ</sub>·Δ<sub>Δ</sub> Δ<sub>α</sub> bP·q·Δ<sub>α</sub><sub>α</sub><sub>x</sub>

3. b·Δ<sub>α</sub> ·Δσ<sub>α</sub>·ḡ P b ·Δ<sub>Δ</sub>·Δ<sub>α</sub>(P<sub>α</sub> > Δ<sub>Δ</sub>σ<sub>Δ</sub>·Δ<sub>α</sub>  
 UV<sub>α</sub>P<sub>2</sub>q<sub>Δ</sub> P P<sub>2</sub>Lσ)<sub>Δ</sub>; Δ<sub>Δ</sub> UV<sub>α</sub>P<sub>2</sub>q<sub>Δ</sub> ḡ·Δ<sub>α</sub> > b





• ኔኔ ፍጹም የረዳረዳልና ዓይኑ ለመጠገን፤  
የ ፍጹሙ ልዩነት ለ ልዩ ልዩነት ለመጠገን  
ለመጠገን ለመጠገን ለመጠገን ለመጠገን ለመጠገን  
• ኔኔ የረዳረዳልና የሰጠው ዓይኑ ለመጠገን፤  
ለ ፍጹሙ ልዩነት ለ ልዩ ልዩነት ለመጠገን  
ለመጠገን ለመጠገን ለመጠገን ለመጠገን ለመጠገን

$b \cdot q_x - \sigma \sigma \dot{\sigma} \sigma \gg p q a(a, \dot{b} \cdot \Delta a \cap \Delta a \cdot \nabla p$   
 $b \cdot p) r a \gg r \Delta \sigma r q a, \dot{b} \dot{a} \dot{r} b a \cdot \nabla a (L a p \nabla L \sigma)$   
 $\Delta b p \cdot q \cdot \Delta a a \dot{b} \dot{a} r < \Gamma \dot{c} \cdot \Delta b \dot{p} \cdot \Delta a \Gamma \sigma r \cdot \sigma \Delta$   
 $\dot{a} \cdot \nabla a r q \cdot \Delta a; \dot{r} \cdot \dot{b} \dot{a} q a \dot{a} a \cdot \nabla a (L a \cdot \nabla \cdot \nabla \sigma p$   
 $\dot{a} \dot{b} \Gamma \dot{a} \dot{b} a_x (b p \dot{b} \cdot \sigma \dot{a} \cdot \Delta a q p \Delta p) \cdot \Delta \sigma a \Delta \Delta \sigma$   
 $U \nabla a r q b \Delta^c \dot{a} \dot{b} \Gamma \dot{a} \cdot \Delta a_x$

$a \cdot q_x - \nabla \varphi \Gamma d_{\perp} = \rho \rho \rho \rho d_{\perp} \nabla a \zeta_{\perp},$  (  $\rho \rho \rho \rho$  -  
 $U a \zeta_{\perp} b^c \rho^c \Delta \rho \sigma b^c \cdot \Delta a_x \quad \rho^c \triangleright \rho L \cdot \Delta \cdot \Delta a \quad ( \zeta \cdot \rho \rho -$   
 $\omega L b^c_x \quad \nabla \rho a^c \cdot \nabla a (L a \quad ( \quad ) \rho b U \triangleright \triangleright L \triangleleft \rho a b \quad \dot{L} \triangleright d b$   
 $\rho \rho \rho \rho d_{\perp} b_x \quad \Gamma \rho \rho \rho a \quad \omega d L \rho \rho b b \quad q \triangleright a \rho \wedge \dot{L} \rho \rho \rho a b_x$   
 $\dot{\Delta} \cdot V \triangleleft \sigma \Gamma \rho \rho a \quad ( \sigma \quad \sigma \quad L \rho \Delta \rho \rho q \cdot \Delta \sigma a \sigma a, \nabla \rho \dot{\Delta} \cdot V \triangleleft \sigma -$   
 $L a \rho \cdot \dot{\zeta} \quad \Delta \rho o \quad b \quad L \rho ) ( \Delta \triangleright \Gamma a \rho b_x \quad q d \quad \Delta \rho \cdot \Delta \rho \rho \rho b a q a \quad b \cdot q -$   
 $\rho \rho \rho \rho \sigma a \rho \cdot \Delta \sigma a b, \Gamma \dot{\zeta} \cdot q a L \cdot \Delta \rho a^c \quad ( \sigma \quad b \quad \dot{L} \dot{\zeta} ( a \rho a_x \quad \nabla \Gamma a_x$

$$b \cdot q_x - \cdot q d^a \quad \partial^a (\cdot \nabla^a (L \cdot \triangle^b p \nabla_L \sigma)) \triangleright \triangleright L \triangle^b \Gamma -$$

$$\triangle \cdot \triangle \sigma^{ab} ?$$
[illegible]



















# 9 Δ5 ·ΔΠΘΔ<sup>α</sup>·ζ̇ ΔΡ<sup>ο</sup> 9 ·ΔΠΘ·Δ̇<sub>χ</sub>

¶ 9 ΔΡ)ḡσ·Δ<sup>α</sup>β ρ·ζ̇ ·ΔΠΘΔ<sup>α</sup>·ζ̇<sub>χ</sub>

σ ·Δ<sup>α</sup>ζ̇(Δ 9 ρ ·Δ ·ΔΠΘ<sup>α</sup>Π·Δ̇<sub>χ</sub> ḡ. ḡ< Δ<sub>α</sub><sub>χ</sub> ḡ<sup>α</sup>Λ<sup>α</sup>  
σ<sup>α</sup>δ(Δ<sup>α</sup> Δ<sup>α</sup>ζ̇(Δ<sup>α</sup> 9 9<sup>α</sup>ζ̇(Δ<sup>α</sup>·9<sup>α</sup> 9<sup>α</sup>δ<sup>α</sup> ·ḡ< 9 ρΛ<sup>α</sup>·  
Δ<sup>α</sup>·Δ̇<sub>χ</sub> Δ<sup>α</sup>Δ<sup>α</sup>σ<sup>α</sup>·Δ̇<sub>χ</sub> ρ ·ΔΠΘΔ̇<sub>χ</sub>βσ·Δ<sup>α</sup>·ḡ<sub>χ</sub> Λσ ·ΔΠΘ·  
·Δσ<sup>α</sup>β, Δ<sup>α</sup>Δ<sup>α</sup> ( ·Δ<sup>α</sup>ζ̇(Δ<sub>α</sub><sub>χ</sub> Γ ΔΔ Δ<sup>α</sup>β)ḡ [Δ<sup>α</sup>δσ<sup>α</sup>Δ<sup>α</sup> ḡ<  
Δ<sup>α</sup>δσ<sup>α</sup>Δ<sup>α</sup>] ḡ·9<sup>α</sup>ρ<sup>α</sup>9<sup>α</sup>ḡ<sub>α</sub><sub>χ</sub>

¶ ΔΛ ΔΔ<sup>ο</sup> ρ<sup>α</sup>βḡ ρ ΔΠΘΔ<sup>α</sup>·ζ̇ ΔΡ<sup>ο</sup> 9 ΔΠΘ·Δ̇<sub>χ</sub> ( ΛΔ<sup>α</sup>·Δ̇<sub>χ</sub> Δ̇<sub>α</sub>Γ<sup>α</sup>Δ<sup>α</sup>·  
ḡΓ<sup>α</sup>β ρ Δ<sup>α</sup>ρ<sup>α</sup>Δ<sup>α</sup>·Δ̇<sub>χ</sub> Δ ρ<sup>α</sup>·Δ<sup>α</sup>ζ̇(βσ·Δ̇<sub>χ</sub> ḡ< Δ<sup>α</sup>ρσσ·Δ̇<sub>χ</sub>: ΔΔ<sup>α</sup> ( <sup>α</sup> ρ  
σ<·Δ<sup>α</sup>·Δ̇<sub>χ</sub>, Δ̇<sub>α</sub>ḡ ḡ<sup>α</sup> Δσ<sup>α</sup>β Δ<sup>α</sup>9, Δ<sup>α</sup>·9 ( <sup>α</sup> Δ<sup>α</sup>·ρσ<sup>α</sup>β Δ<sup>α</sup>9, Δ̇<sub>α</sub>Γ<sup>α</sup>·Δ<sup>α</sup>ρ<sup>α</sup>Δ<sup>α</sup>  
( ΔΡ),

9<sup>α</sup> ḡ<sup>α</sup>ρ<sup>α</sup>Δσ<sup>α</sup>δ<sup>α</sup>β, ρ Δ̇<sub>α</sub>·Δ<sup>α</sup>ρ<sup>α</sup>Δ<sup>α</sup>Γ<sup>α</sup> ΔΔ<sup>α</sup>Δ<sup>α</sup> ρ ·Δ̇<Γ<sup>α</sup>Δ<sup>α</sup>β  
ρ<sup>α</sup>Δ<sup>α</sup>σ<sup>α</sup> ḡ< ḡ<sup>α</sup>ρ<sup>α</sup> Δ<sup>α</sup>Δ̇<sub>α</sub>Γ<sup>α</sup>Δ̇<sub>α</sub>·Δσσ<sup>α</sup>·Δ̇<sub>χ</sub>, ρ ·ΔΠΘΔ<sup>α</sup>·ζ̇  
·Δ̇<sub>α</sub>ḡ Δσσ<sup>α</sup> ḡ< Δ<sup>α</sup>·9 Λσ ·ΔΠΘ<sup>α</sup>Π·Δσ<sup>α</sup>β; Γ ḡ ΔΔ  
9<sup>α</sup>Δ<sup>α</sup>ζ̇·ḡḡ Δ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup>, ḡ ρ Δ<sup>α</sup>Δ<sup>α</sup>·Δ<sup>α</sup> ρ<sup>α</sup>Δ<sup>α</sup>σ<sup>α</sup> Γ·ḡ  
Γ<sup>α</sup>Δ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup> Δσσ<sup>α</sup>·Δ̇<sub>χ</sub>, ρ ·Δ̇<Δ<sup>α</sup>Πσ<sup>α</sup>δ<sup>α</sup>β ΔΔ<sup>α</sup>Δ<sup>α</sup>  
·Δ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup>·Δ̇<sub>χ</sub> X ḡ< Δ̇<sub>α</sub> Δ̇<sub>α</sub>Γ<sup>α</sup>Δ̇<sub>α</sub>·Δσσ<sup>α</sup>Δ<sup>α</sup>; Γ ḡ  
ΔΔ Λσ Δ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup> X ρ ρ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup> ḡ< Δ ρ  
Γ<sup>α</sup>·Δ̇<sub>α</sub>(Δ̇<sub>α</sub>) ΔΔ<sup>α</sup>Δ<sup>α</sup> σ<sup>α</sup>Δ<sup>α</sup> ρ Δ̇<sub>α</sub>Δ̇<sub>α</sub>·Δ Δ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup> ΔΛ ·Δ̇Π·  
9<sup>α</sup>Π<sup>α</sup>Δ̇<sub>α</sub>·Δ̇<sub>α</sub>ρ<sup>α</sup>Δ<sup>α</sup> ΔΔ<sup>α</sup>Δ<sup>α</sup> 9<sup>α</sup> Δ̇<sub>α</sub>Δ<sup>α</sup>; ḡ< ( <sup>α</sup> Δ̇<sub>α</sub>Δ<sup>α</sup>  
Δ<sup>α</sup> ρ ΔΡ) ρ Δσ<sup>α</sup>Δ<sup>α</sup>β ΔΔ ρ Δ̇<sub>α</sub>Δ<sup>α</sup>·Δ̇<sub>χ</sub> ḡ<sup>α</sup>ρ<sup>α</sup>  
Δσσ<sup>α</sup>·Δ̇<sub>χ</sub>; Γ ḡ ( <sup>α</sup> ΔΔ<sup>ο</sup> ḡ<sup>α</sup>·Δ<sup>α</sup> Δ̇<sub>α</sub>·Δ̇<sub>α</sub>Δ<sup>α</sup> ( Δ<sup>α</sup>Δ̇<sub>α</sub>·  
Δ̇<sub>α</sub>Δ<sup>α</sup> ḡ< Δ̇<sub>α</sub>Δ<sup>α</sup>·Δ̇<sub>α</sub>Δ̇<sub>α</sub>·Δ̇<sub>α</sub>·Δ<sup>α</sup>9 Δ̇<sub>α</sub>Δ̇<sub>α</sub>)<sup>α</sup> ḡ< ρ  
Λ<sup>α</sup>·ḡ<sup>α</sup>Δ<sup>α</sup>β, ρ Δ<sup>α</sup>Δ̇<sub>α</sub>Δ̇<sub>α</sub>Δ̇<sub>α</sub>Πσ<sup>α</sup>ρ<sup>α</sup> Δσσ<sup>α</sup>·Δ̇<sub>χ</sub> Δ ·Δ̇<sub>α</sub>·



Γ•Δ α•(•∇•(Γ•Δσ•Δ<sup>α</sup> Ἰῆ Δ•∇Γ<sup>α</sup>ῆ<sup>β</sup> τΓ)(Γ•Δ-  
σΓ•ῆ ΔΔἸ ῆ (• ὀὀβ(•∇•(Γ•Δσ<sup>αβ</sup>, βΡ(•∇•(Γ•  
•Δσ<sup>αβ</sup>, σ•ῆ•Δσ<sup>αβ</sup>, ῆ<sup>γ</sup> Ρ ασῆσ(•Δ<sup>ῆ</sup> ΡῶΛσ)•;  
•ῆ<sup>γ</sup>β Ρ ΔΓ•τ•(•αβ ΔΔ• ἧδ• •∇•Γ Δα••Δσ•Δ<sup>αβ</sup> Ρ  
•ΔΠΘὀσ•Δ<sup>αβ</sup><sub>x</sub>

σ(Γ Ρ Δα••Δσ•Δ<sup>α</sup> Ρ σῆ•ΔΡΔ•ῆ ΔἸΛσΓ<sup>α</sup>ῆ<sup>β</sup>,  
Ρ ΔΓΛΡΔ•ῆ Ρ ασῆσ(•Δ•Δ<sup>ῆ</sup> ῆ<sup>γ</sup> Ρ ΡἧσἸ•Δ<sup>ῆ</sup>  
UV•ΓἧσΓ<sup>α</sup>, ῆ<sup>γ</sup> •Δ• Δ<sup>ε</sup> ΔΓσῆῆΓ•Δ• Ρ ΡU•  
ῆ•βΠσ<sup>β</sup><sub>x</sub>

Γ•Δ, Ρ Δα••Δσ•Δ<sup>α</sup> Ρ ΛΓΔΓ•∇ΛΓὀσ•Δ<sup>α</sup>Γ-  
σ<sup>β</sup> ῆ<sup>γ</sup> Ρ ΛΓ•ῆΠΓὀσ•Δ<sup>α</sup>Γσ<sup>β</sup>; ΔΡ• Δσσ•Δ<sup>β</sup>  
ἧΡ)Γ•ῆ Ρ ΠVσΓΠΓ•Δ<sup>ῆ</sup> Ἰσ ( σΓ•Δ<sup>β</sup>, Ρ Δ•Γ Γσ-  
ΠV•ῆδΓ•Δ<sup>ῆ</sup> Ρ •ΔΓ•Δ•Δ<sup>ῆ</sup> X(•<sub>x</sub>

Γ•Δ, Ρ Δα••Δσ•Δ<sup>α</sup> Ρ Γσ •ΔΓ•Δ•Δ<sup>ῆ</sup>, Ρ  
•Δ)δῆΠ•Δ<sup>ῆ</sup> ῆ<sup>γ</sup> Γ•τσΓΔΠ•Δ<sup>ῆ</sup> ῆΛ<sup>α</sup>δ ΔΛ •ΔἧΠΓ•Δ<sup>ῆ</sup>  
ῆ<sup>γ</sup> ΡΠἸΡΓ•Δ<sup>ῆ</sup><sub>x</sub> Γ ΔΔ• ῆ ΔΔ Λσ ΔΓ•∇ΛΓ-  
•Δσ<sup>αβ</sup> Δδ σΓ• Δ•Δ<sup>γ</sup>β σ•δΓ ῆ Λ Δῆ•Δ<sup>ῆ</sup> Ρ  
VΓδΔ•ῆ<sub>x</sub> Γ (• ΔΔ• Ρ<sup>α</sup>Λ• Δ•∇•τ• ἧ Ρ •Δῆ<sup>α</sup>-  
Πσ•∇•ἧ• •ῆ<sup>γ</sup>β ἧδ• ἧ Ρ Δ•Γ •ΔΠἧΓ•ῆ Ἰσ σ•δΓ (  
ΔΡ), ῆ<sup>γ</sup>Ἰ ῆΡσ<sup>β</sup> ῆ ( Ρ)Γ<sub>x</sub>

¶ ῆ<sup>γ</sup> (• Ρ ῆσσ•ῆ Δσ• ἧ Δ)δῆΠσΓ<sup>α</sup>, ( ΔΡ),

Ρ<sup>ε</sup> Δῆ•ῆΓΓσ•Δ ῆ<sup>γ</sup> Ρ ῆῆ•ΓΓσὀ•Δ Ρ•Δ  
ὀΓ<sup>α</sup>ῆ, Ἰῆ ἧ ΔΡ)ῆ• ἧ(Γ•ἧῆῆβ Πῆδσἧ•Δ ΡΓῆβ  
ΔΛ βΡ• ἧ Ρἧ•ΓῆUP• ΡΓΓ ἧδ• ΔUΔἸ•, Ρ<sup>α</sup>Λ•

σ<sup>α</sup>δ(Δ<sup>α</sup> ρ<sup>α</sup>Δ ἄ<sup>α</sup>ῥ<sup>α</sup>ῖ 99<sup>α</sup>Δ<sup>α</sup>·∇<sup>α</sup>·9<sup>α</sup> 9<sup>α</sup>ῖ 9 ρ<sup>α</sup>Δ<sup>α</sup>·  
 δ·Δ<sup>α</sup>·ῖ<sup>α</sup>ῥ<sup>α</sup> ρ<sup>α</sup>·ΔΠΘ<sup>α</sup>Π<sup>α</sup>·ῖ Ἰ<sup>α</sup>ῖ ῖ<sup>α</sup>δ<sup>α</sup> ρ<sup>α</sup> Δ<sup>α</sup>ρ<sup>α</sup>ῖ<sup>α</sup><sub>x</sub>  
 Δ<sup>α</sup>ῖ<sup>α</sup> Ὑ(δ ῖ<sup>α</sup>·ῖ<sup>α</sup>ῥ<sup>α</sup>Δ<sup>α</sup>·ῖ<sup>α</sup> (ρ<sup>α</sup> Δ<sup>α</sup>ρ<sup>α</sup>·Δ<sup>α</sup>ΠΘΔ<sup>α</sup>·ῖ<sup>α</sup> ∇<sup>α</sup>·  
 ρ<sup>α</sup>ρ<sup>α</sup>σ<sup>α</sup>σ<sup>α</sup> ρ<sup>α</sup>ῖ<sup>α</sup>Δ<sup>α</sup>) Δ<sup>α</sup> Δ<sup>α</sup>ρ<sup>α</sup>·Δ<sup>α</sup> ῖ<sup>α</sup>·Δ<sup>α</sup> Δ<sup>α</sup>·ΔΠΘΠδ<sup>α</sup>·  
 ρ<sup>α</sup>·Δ<sup>α</sup> ρ<sup>α</sup>ῖ<sup>α</sup>Δ<sup>α</sup>)<sup>α</sup>; ῖ<sup>α</sup>·Δ<sup>α</sup> ῖ<sup>α</sup>·ῖ<sup>α</sup>·9<sup>α</sup>·ῖ<sup>α</sup>·δ<sup>α</sup>ρ<sup>α</sup>σ<sup>α</sup>σ<sup>α</sup> Δ<sup>α</sup>·ΔΠΘ<sup>α</sup>·  
 Δ<sup>α</sup>σ<sup>α</sup>·Δ<sup>α</sup><sub>x</sub>

¶ ρ<sup>α</sup>Δ<sup>α</sup> 9<sup>α</sup>ῖ<sup>α</sup> Δ<sup>α</sup>·ῖ<sup>α</sup>Π<sup>α</sup>ῖ<sup>α</sup> Δ<sup>α</sup>ῖ<sup>α</sup>Γ<sup>α</sup>∇<sup>α</sup>Δ<sup>α</sup>ρ<sup>α</sup>ῖ<sup>α</sup> Δ<sup>α</sup> ῖ<sup>α</sup> Δ<sup>α</sup>ῖ<sup>α</sup> ἄ<sup>α</sup>·Δ<sup>α</sup>·ῖ<sup>α</sup>,

ρ<sup>α</sup> ῖ<sup>α</sup> Δ<sup>α</sup>ῖ<sup>α</sup>·Δ<sup>α</sup> ἄ<sup>α</sup>·Δ<sup>α</sup>·ῖ<sup>α</sup> Δ<sup>α</sup>·9 ρ<sup>α</sup>Δ<sup>α</sup>·9Γ<sup>α</sup>ῖ<sup>α</sup> ρ<sup>α</sup>·Δ<sup>α</sup>ρ<sup>α</sup>Δ<sup>α</sup>·  
 Π<sup>α</sup>ρ<sup>α</sup>Γ<sup>α</sup>ῖ<sup>α</sup>ῖ<sup>α</sup> ῖ<sup>α</sup>·∇<sup>α</sup>ρ<sup>α</sup>σ<sup>α</sup>σ<sup>α</sup> ρ<sup>α</sup>ῖ<sup>α</sup>Δ<sup>α</sup>) Δ<sup>α</sup> Δ<sup>α</sup>σ<sup>α</sup> Δ<sup>α</sup>ρ<sup>α</sup>·Δ<sup>α</sup>  
 ΔΔ<sup>α</sup>ῖ<sup>α</sup> Δ<sup>α</sup>σ<sup>α</sup>·ΔΠΘ<sup>α</sup>·Δ<sup>α</sup>σ<sup>α</sup>ῖ<sup>α</sup>? ρ<sup>α</sup> ῖ<sup>α</sup> ῖ<sup>α</sup>ρ<sup>α</sup>Δ<sup>α</sup> ἄ<sup>α</sup>, ῖ<sup>α</sup>·  
 Γ<sup>α</sup>·ῖ<sup>α</sup>σ<sup>α</sup>·Δ<sup>α</sup>Δ<sup>α</sup>, ρ<sup>α</sup>Ὑ<sup>α</sup>ῖ<sup>α</sup>, ῖ<sup>α</sup>·ῖ<sup>α</sup> ῖ<sup>α</sup>·∇<sup>α</sup>σ<sup>α</sup>ῖ<sup>α</sup> Δ<sup>α</sup>δ<sup>α</sup>ρ<sup>α</sup>·Δ<sup>α</sup>σ<sup>α</sup>ῖ<sup>α</sup> ῖ<sup>α</sup>·  
 Γ<sup>α</sup>·Δ<sup>α</sup>Π<sup>α</sup>Π<sup>α</sup>·Δ<sup>α</sup>σ<sup>α</sup>ῖ<sup>α</sup>, ·Δ<sup>α</sup>ῖ<sup>α</sup> (ῖ<sup>α</sup> ρ<sup>α</sup> Δ<sup>α</sup>ρ<sup>α</sup>·9σ<sup>α</sup>ῖ<sup>α</sup>ρ<sup>α</sup>·Δ<sup>α</sup>ῖ<sup>α</sup> δ(ῖ<sup>α</sup>  
 Δ<sup>α</sup>·∇<sup>α</sup>·ῖ<sup>α</sup>·Δ<sup>α</sup> ῖ<sup>α</sup> δ<sup>α</sup> ∇( ρ<sup>α</sup> Δ<sup>α</sup>ῖ<sup>α</sup>·Δ<sup>α</sup>ῖ<sup>α</sup> Γ<sup>α</sup>σ<sup>α</sup>ῖ<sup>α</sup> ῖ<sup>α</sup>Δ<sup>α</sup>·δ 9  
 Δ<sup>α</sup>Π<sup>α</sup>ρ<sup>α</sup>ῖ<sup>α</sup>ῖ<sup>α</sup>?

¶ Δ<sup>α</sup>Δ<sup>α</sup> (ῖ<sup>α</sup> (Δ<sup>α</sup>ρ<sup>α</sup>)·Δ<sup>α</sup>·ῖ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>σ<sup>α</sup>σ<sup>α</sup>,

Γ<sup>α</sup> ῖ<sup>α</sup> 9<sup>α</sup> Δ<sup>α</sup>ρ<sup>α</sup>ρ<sup>α</sup>ῖ<sup>α</sup>ῖ<sup>α</sup><sub>x</sub>

¶ Γ<sup>α</sup> (ῖ<sup>α</sup> Δ<sup>α</sup>ῖ<sup>α</sup>Γ<sup>α</sup>∇<sup>α</sup>Δ<sup>α</sup>ρ<sup>α</sup>ῖ<sup>α</sup> 9<sup>α</sup> Δ<sup>α</sup>ῖ<sup>α</sup>·Δ<sup>α</sup>·9<sup>α</sup>·Δ<sup>α</sup>·ῖ<sup>α</sup>,

ρ<sup>α</sup> ῖ<sup>α</sup> Δ<sup>α</sup>ῖ<sup>α</sup>·Δ<sup>α</sup> ἄ<sup>α</sup>·Δ<sup>α</sup>·ῖ<sup>α</sup> ἄ<sup>α</sup>·∇ ρ<sup>α</sup>Δ<sup>α</sup>·∇Γ<sup>α</sup>ῖ<sup>α</sup> ρ<sup>α</sup>·Δ<sup>α</sup>ρ<sup>α</sup>Δ<sup>α</sup>·  
 Π<sup>α</sup>ρ<sup>α</sup>Γ<sup>α</sup>ῖ<sup>α</sup>ῖ<sup>α</sup> ῖ<sup>α</sup>·∇<sup>α</sup>ρ<sup>α</sup>σ<sup>α</sup>σ<sup>α</sup> ρ<sup>α</sup>ῖ<sup>α</sup>Δ<sup>α</sup>) Δ<sup>α</sup> Δ<sup>α</sup>σ<sup>α</sup> Δ<sup>α</sup>ρ<sup>α</sup>·Δ<sup>α</sup>  
 ΔΔ<sup>α</sup>ῖ<sup>α</sup> Δ<sup>α</sup>σ<sup>α</sup>·ΔΠΘ<sup>α</sup>·Δ<sup>α</sup>σ<sup>α</sup>ῖ<sup>α</sup>? ρ<sup>α</sup> ῖ<sup>α</sup> ῖ<sup>α</sup>Δ<sup>α</sup>·Δ<sup>α</sup>ῖ<sup>α</sup> ἄ<sup>α</sup>, Δ<sup>α</sup>Γ<sup>α</sup>·Δ<sup>α</sup>Δ<sup>α</sup>,  
 ῖ<sup>α</sup>ρ<sup>α</sup>Δ<sup>α</sup>, ῖ<sup>α</sup>·ῖ<sup>α</sup> Γ<sup>α</sup>·ῖ<sup>α</sup>σ<sup>α</sup>·Δ<sup>α</sup>Δ<sup>α</sup>, ρ<sup>α</sup>Ὑ<sup>α</sup>ῖ<sup>α</sup>, ῖ<sup>α</sup>·ῖ<sup>α</sup> ῖ<sup>α</sup>·∇<sup>α</sup>σ<sup>α</sup>ῖ<sup>α</sup> Δ<sup>α</sup>δ<sup>α</sup>ρ<sup>α</sup>·Δ<sup>α</sup>σ<sup>α</sup>ῖ<sup>α</sup>  
 ῖ<sup>α</sup>·ῖ<sup>α</sup> Γ<sup>α</sup>·Δ<sup>α</sup>Π<sup>α</sup>Π<sup>α</sup>·Δ<sup>α</sup>σ<sup>α</sup>ῖ<sup>α</sup>, ·Δ<sup>α</sup>ῖ<sup>α</sup> (ῖ<sup>α</sup> ρ<sup>α</sup> Δ<sup>α</sup>ρ<sup>α</sup>·9σ<sup>α</sup>ῖ<sup>α</sup>ρ<sup>α</sup>·Δ<sup>α</sup>ῖ<sup>α</sup> δ(ῖ<sup>α</sup>  
 Δ<sup>α</sup>·∇<sup>α</sup>·ῖ<sup>α</sup>·Δ<sup>α</sup> ῖ<sup>α</sup> δ<sup>α</sup> ∇( ρ<sup>α</sup> Δ<sup>α</sup>ῖ<sup>α</sup>·Δ<sup>α</sup>ῖ<sup>α</sup> Γ<sup>α</sup>σ<sup>α</sup>ῖ<sup>α</sup> ῖ<sup>α</sup>Δ<sup>α</sup>·δ 9  
 Δ<sup>α</sup>Π<sup>α</sup>ρ<sup>α</sup>ῖ<sup>α</sup>ῖ<sup>α</sup>?

¶ ΔΔ (° ( ΔΡ) ·ΔΔ° Δ·Θ,

Γ ኃ ρ<sup>c</sup> ΔΣΓΘ<sub>ex</sub>

¶ Γ (° Δ<sub>Γ</sub>ΔΡ<sub>L</sub> Θ ΔΡ)<sub>h</sub>,

Δ·∇<sub>Θ</sub> ∇ΡΠ<sub>h</sub> Δ<sub>Θ</sub> Δ·Θ·Δ<sub>Θ</sub> Γ ·ΔΠΘ<sub>L</sub> Δ<sub>Θ</sub>  
 Δ·∇·Δ<sub>Θ</sub>?

¶ Δ<sub>Γ</sub>ΔΡ<sub>L</sub> Ρ Δ<sub>Γ</sub>Δ<sub>h</sub> Δ·Θ·Δ<sub>Θ</sub> Δ<sub>Θ</sub>Ρ<sub>Θ</sub> Δ<sub>Θ</sub>Ρ<sub>Θ</sub><sup>h</sup> Δ<sub>Θ</sub>Ρ Δ<sub>Θ</sub> Δ<sub>Θ</sub>  
 Δ<sub>Θ</sub> Θ ΔΠΘ<sub>Γ</sub> Γ Θ<sub>Θ</sub>Ρ<sub>Θ</sub>Δ<sub>Θ</sub> Δ<sub>Θ</sub>Ρ<sub>Θ</sub>·Δ<sub>Θ</sub> Δ<sub>Θ</sub>Δ<sub>Θ</sub>·Δ<sub>Θ</sub> Δ<sub>Θ</sub> Δ<sub>Θ</sub>Δ<sub>Θ</sub>  
 Δ<sub>Θ</sub> ΔΔ Ρ Δ<sub>Θ</sub> Δ<sub>Θ</sub>Ρ<sub>Θ</sub><sup>h</sup>,

Θ<sub>Θ</sub> ኃ ρ<sup>c</sup> Δ<sub>Γ</sub>Δ<sub>Θ</sub> Γ ·ΔΠΘ<sub>Γ</sub>Δ<sub>Θ</sub> Γ Δ<sub>Γ</sub>·Δ<sub>Θ</sub>Δ<sub>Θ</sub>  
 Δ<sub>Θ</sub> Γ Ρ<sub>Θ</sub>Δ<sub>Θ</sub> Δ<sub>Θ</sub>Δ<sub>Θ</sub> Ρ Ρ<sub>Θ</sub><sup>h</sup> Δ<sub>Θ</sub>Ρ, Γ<sub>Θ</sub>Δ<sub>Γ</sub>Π<sub>Γ</sub>Δ<sub>Θ</sub>  
 Δ<sub>Θ</sub> (° Δ<sub>Γ</sub>Δ<sub>Θ</sub>Δ<sub>Θ</sub>, Δ<sub>Γ</sub>Δ<sub>Θ</sub>Π<sub>Γ</sub>Δ<sub>Θ</sub> Δ<sub>Θ</sub> Θ<sub>Θ</sub>Π<sub>Γ</sub>Δ<sub>Θ</sub>  
 Δ<sub>Θ</sub> Γ Θ<sub>Θ</sub>Δ<sub>Θ</sub>Δ<sub>Θ</sub> Δ<sub>Θ</sub> Γ Δ<sub>Θ</sub>·∇<sub>Θ</sub>Δ<sub>Θ</sub>Δ<sub>Θ</sub> Δ<sub>Θ</sub>Δ<sub>Θ</sub>·Δ<sub>Θ</sub>  
 Δ<sub>Θ</sub>Δ<sub>Θ</sub>Π<sub>Δ</sub>Δ<sub>Θ</sub>Δ<sub>Θ</sub> Δ<sub>Θ</sub> Ρ Δ<sub>Θ</sub> Δ<sub>Θ</sub> Δ<sub>Θ</sub>·∇<sub>Θ</sub> Ρ<sub>Θ</sub>Δ<sub>Θ</sub>), Γ  
 ኃ ·∇<sub>Θ</sub> Γ<sub>Θ</sub>Δ<sub>Θ</sub> Δ<sub>Θ</sub> Ρ<sub>Θ</sub> Δ<sub>Θ</sub>·Δ<sub>Θ</sub>

¶ Γ (° Γ <Ρ<sub>Θ</sub>Δ<sub>Θ</sub>·Δ<sub>Θ</sub> Δ·Θ (° Ρ Θ<sub>Θ</sub>Ρ<sub>Θ</sub>Δ<sub>Θ</sub> Δ·∇·Δ<sub>Θ</sub> Δ<sub>Θ</sub>Δ<sub>Θ</sub> Δ<sub>Θ</sub> Δ<sub>Θ</sub>Δ<sub>Θ</sub>·  
 Δ<sub>Θ</sub> Δ<sub>Γ</sub>Δ<sub>Θ</sub>Δ<sub>Θ</sub>Δ<sub>Θ</sub>,

Θ<sub>Θ</sub> ኃ ρ<sup>c</sup> Δ<sub>Γ</sub>Δ<sub>Θ</sub> Γ ·ΔΠΘ<sub>Γ</sub>Δ<sub>Θ</sub> Γ Δ<sub>Γ</sub>·Δ<sub>Θ</sub>Δ<sub>Θ</sub>  
 Δ<sub>Θ</sub> Γ Ρ<sub>Θ</sub>Δ<sub>Θ</sub> Δ<sub>Θ</sub>Δ<sub>Θ</sub> Ρ Ρ<sub>Θ</sub><sup>h</sup> Δ<sub>Θ</sub>Ρ, Γ<sub>Θ</sub>Δ<sub>Γ</sub>Π<sub>Γ</sub>Δ<sub>Θ</sub>  
 Δ<sub>Θ</sub> Δ<sub>Θ</sub> (° Δ<sub>Γ</sub>Δ<sub>Θ</sub>Δ<sub>Θ</sub>, Δ<sub>Γ</sub>Δ<sub>Θ</sub>Π<sub>Γ</sub>Δ<sub>Θ</sub> Δ<sub>Θ</sub> Θ<sub>Θ</sub>Π<sub>Γ</sub>Δ<sub>Θ</sub>  
 Δ<sub>Θ</sub> Γ Θ<sub>Θ</sub>Δ<sub>Θ</sub>Δ<sub>Θ</sub> Δ<sub>Θ</sub> Γ Δ<sub>Θ</sub>·∇<sub>Θ</sub>Δ<sub>Θ</sub>Δ<sub>Θ</sub> Δ<sub>Θ</sub>Δ<sub>Θ</sub>·Δ<sub>Θ</sub>  
 Δ<sub>Θ</sub>Δ<sub>Θ</sub>Π<sub>Δ</sub>Δ<sub>Θ</sub>Δ<sub>Θ</sub> Δ<sub>Θ</sub> Ρ Δ<sub>Θ</sub> Δ<sub>Θ</sub> Δ<sub>Θ</sub>·∇<sub>Θ</sub>  
 Ρ<sub>Θ</sub>Δ<sub>Θ</sub>), Γ ኃ ·∇<sub>Θ</sub> Γ<sub>Θ</sub>Δ<sub>Θ</sub> Θ<sub>Θ</sub> Ρ<sub>Θ</sub> Δ<sub>Θ</sub>·Δ<sub>Θ</sub>

¶ Γ (° ρ <ΡΠσ)·Δ<sup>β</sup>, Δ<sup>γ</sup> (° ·ΔΡ<sup>β</sup> ΛΡ<sup>α</sup>Δβσ<sup>αβ</sup> ▷ β <ΡΠΔ<sup>α</sup> Δ<sup>α</sup>σ<sup>β</sup>·  
 ΛΡ<sup>α</sup>, Δ<sup>β</sup>Γ<sup>α</sup>ΔΡ<sup>β</sup> Γ<sup>α</sup> ρ Δ<sup>β</sup>Λ<sup>α</sup>Δ<sup>β</sup> δρ ▷ β Γ<sup>α</sup> Δ<sup>α</sup>·Δ<sup>α</sup> (° ρ  
 Δ<sup>α</sup>σ<sup>β</sup>·Ρ<sup>α</sup>·Δ<sup>β</sup> ▷ Δ<sup>α</sup>Ρ<sup>α</sup>σ<sup>αβ</sup> Δ<sup>α</sup>·Δ<sup>α</sup> Δ<sup>α</sup> (° ρ (° Γ<sup>α</sup>Γ<sup>β</sup> Δ<sup>α</sup>σ<sup>β</sup>·ΛΡ<sup>α</sup>  
 ρ ΡΡ<sup>α</sup>Δ<sup>β</sup> Δ<sup>β</sup>Γ<sup>α</sup>ΔΡ<sup>β</sup> (ΔΡ),

·Δ<sup>β</sup> Δ<sup>α</sup>σ<sup>β</sup>·ΛΡ<sup>α</sup> Δ<sup>α</sup>ρ ρ ·ΔΠΘΓ<sup>α</sup>, σ<sup>β</sup> ρ  
 ρ<sup>α</sup> Δ<sup>α</sup>ρ ΡΠσΓ<sup>α</sup>, βΡ<sup>α</sup> UV<sup>α</sup>·Δ<sup>α</sup> (° ρ Γ<sup>α</sup>σ<sup>α</sup>, Δ<sup>α</sup>  
 Δ<sup>α</sup>σ<sup>β</sup>·Δ<sup>α</sup>σ<sup>αβ</sup> ·Δ<sup>β</sup>·Γ<sup>α</sup>Γ<sup>α</sup>, β<sup>α</sup> ·Δ<sup>β</sup>·Ρ<sup>α</sup>Γ<sup>α</sup>, β<sup>α</sup> <σ<sup>β</sup>  
 Δ<sup>β</sup>·Δ<sup>α</sup> Δ<sup>α</sup><sub>x</sub> Δ<sup>α</sup><sub>x</sub>

¶ Γ (° Δ<sup>β</sup>Γ<sup>α</sup>ΔΡ<sup>β</sup> ρ ΔΡ),

Δ<sup>α</sup>UV Δ<sup>β</sup>Γ<sup>α</sup>Δ<sup>α</sup><sub>x</sub>

▷ βΡ<sup>α</sup> ρΠΔσ<sup>α</sup>·Δ<sup>α</sup>, ·Δ<sup>β</sup>Δ<sup>α</sup>·Δ<sup>α</sup> β<sup>α</sup> ρ<sup>α</sup>·Δ<sup>α</sup>σ<sup>β</sup>·Δ<sup>α</sup>  
 βΡ<sup>α</sup> Δσ<sup>α</sup>·Δ<sup>β</sup>, ρ<sup>α</sup> Δ<sup>α</sup>·Δ<sup>α</sup> βΡ<sup>α</sup> Δ<sup>β</sup>·Δ<sup>α</sup> ρ<sup>α</sup>·Δ<sup>α</sup>  
 ρ<sup>α</sup> Δ<sup>α</sup> β<sup>α</sup> ·Δ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup> βΡ<sup>α</sup> Δ<sup>β</sup>·Δ<sup>α</sup> Δ<sup>α</sup>·Δ<sup>α</sup>σ<sup>β</sup>·  
 Δ<sup>β</sup>·Δ<sup>α</sup> ρ Γ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup>σ<sup>α</sup> ▷ ρ <Γ<sup>α</sup>·Δ<sup>α</sup>, ·Δ<sup>β</sup> Δ<sup>α</sup>  
 β<sup>α</sup> ·Δ<sup>β</sup> Δ<sup>α</sup>, Γ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup> ρ<sup>α</sup> Δ<sup>α</sup>σ<sup>β</sup>·Δ<sup>α</sup>σ<sup>αβ</sup>; Δ<sup>β</sup>  
 Δ<sup>α</sup> β<sup>α</sup> Δ<sup>α</sup> ρ Γ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup> Γ<sup>α</sup> ρ Δ<sup>β</sup> β<sup>α</sup>  
 ▷ ρ ρ ·Δ<sup>α</sup>·Δ<sup>α</sup> β<sup>α</sup> β<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup> β ρ Δ<sup>α</sup> Δ<sup>α</sup>·  
 Δ<sup>α</sup> [ρ ·Δ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup> ρ Γ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup> ·Δ<sup>β</sup> Δ<sup>α</sup>σ<sup>β</sup>·  
 ΛΡ<sup>α</sup> β<sup>α</sup> ρ Δ<sup>β</sup>·Δ<sup>α</sup>] β<sup>α</sup> Δ<sup>α</sup> ρ ·Δ<sup>β</sup>·Δ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup>  
 Δ<sup>α</sup>·Δ<sup>α</sup>σ<sup>αβ</sup> β<sup>α</sup> Δ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup>σ<sup>αβ</sup> β<sup>α</sup> ρ ·Δ<sup>α</sup>·Δ<sup>α</sup>  
 Δ<sup>α</sup>·Δ<sup>α</sup> Δ<sup>β</sup> Δ<sup>α</sup>·Δ<sup>α</sup> ρ<sup>α</sup> Δ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup>, ·Δ<sup>α</sup> Δ<sup>α</sup> ρ<sup>α</sup>  
 X UVσΓ<sup>α</sup>·Δ<sup>α</sup> Δ<sup>α</sup><sub>x</sub> Δ<sup>α</sup><sub>x</sub>

¶ Δ<sup>β</sup>Γ<sup>α</sup>ΔΡ<sup>β</sup> (° ▷ β Γ<sup>α</sup>·Δ<sup>α</sup> ▷ Δ<sup>α</sup>·Δ<sup>α</sup>σ<sup>αβ</sup>, β<sup>α</sup> (ΔΡ),

Δσ<sup>α</sup> β ·ΔΠΘΔ<sup>β</sup> ρΠΔσ<sup>α</sup> β<sup>α</sup>·Δ<sup>α</sup> Δσ<sup>α</sup> ▷ β  
 <βσ<sup>β</sup>·Δ<sup>α</sup><sub>x</sub>

¶ Γ (° Δ)ΓΔ·ΔΠΛ Π ββ.δ.δ. ββ.δ.δ. ΔΔΛ ΔΔσ<sup>α</sup>, .

Ρ αδΓΔ·ΔΠ Δ. β< Δ. Λσ ·ΔΠΘ·Δσ<sup>α</sup>β ΔΔ° Δ β< β Ρ ΔΠΔ·ΔΠ Ρ δα(δ·ΔΠ ΡΠΛσ)α β< Δδ Δσσ·Δα ΔΔΛ β< Ρ ΔΔ ΡΠΔΠΔ·ΔΠ Ρ ·Δ<αΠσ·  
·Δ·ΔΠ (° Ρ Γσ·ΔΠ·Δαβ β< Ρ ΔΔΛδβσ·ΔΠ  
ΔΛσαΠΛΔ, Ρ ΔΠσαΠσ)·ΔΠ (° : σ ·Δα(ΔΠ Δ Π  
·ΔΠΘΓΔ)·ΔΠ, Δ<sup>α</sup> ΔΔσββ·Δσ<sup>α</sup>β ·Δ<ΠΓαβ, β< ·Δ·Π·  
ΠΓαβ, β< Δσ<sup>α</sup>β ΔΠβ<sub>x</sub> ΔΠα<sub>x</sub>

¶ Δ)ΓΔΔΠΛ (° ( ΔΠ) ΔΔ Γ·αΠΓ·ΔΔσσ<sub>x</sub>

ΡΠΛσ) ·Δ<ΠΓαβ, ΡΠΛσ) ·Δ·ΠΓαβ, ΡΠΛσ)  
Δσ<sup>α</sup>β ΔΠβ Ρ β ·Δ Γδ(δ·ΔΠ Δ β< βα·ΔσΓδ·Δ;  
UVαΠβ Δ Δ·ΔαΠβ·Δσ<sup>α</sup>β Ρ β ·Δ Γδβα·Δ<Γδ·Δ  
β< (° ΔΠαΔδ·Δ ββ ΔΠδ·Δ Γδ(δ·Δσσ β<  
Δ·ΔαΠβ·Δσσ ΔΔΛ ΛΠΠ·Δσ<sup>α</sup>β Ρ Ρ ΔΔ ·ΔΠΛ·  
ΠΠΠΓΔΔ δ(β ΔΠαβ Δ ΠΠΠβ Ρ ΔΠΠβ ββ ΛΠΠ·  
Δ<sup>α</sup><sub>x</sub> ΔΠα<sub>x</sub>

¶ Γ (° Δ)ΓΔΔΠΛ Ρ αββ UVαΠσ<sup>α</sup>β Δ ΔΠσ·Δβσσ ( ΔΠ) β<Λ  
( σβΔ ΔΔ σβΔΔσσ<sub>x</sub>

ΡΠΛσ) ΡΠΛΠσΓΔα<sub>x</sub> σβΔ·Δα lxvii.

ΡΠΛσ) ΡΠΛΠσΓΔα<sub>x</sub>, β< Δ·ΔσΓΔα<sub>x</sub> : β<  
·Δ<α(ΔΔα<sub>x</sub> ΔΔ ·ΔΠΔα·Δα, β< ΡΠΛΠσΓ·  
Δα<sub>x</sub> ;

$p^c$   $\Delta f q\cdot\Delta^a$   $r$   $p q a\dot{c}\cdot b b$   $\triangleright\triangleright L$   $\triangleleft p a b$ ;  $p$   
 $\wedge\dot{L}r\Delta\cdot\nabla\cdot\Delta\sigma\sigma$   $r$   $p q a(c\cdot j\cdot\dot{q})$   $b p a$   $\nabla a b\cdot\sigma r\cdot\dot{q}$   
 $\Delta\sigma\sigma\cdot\dot{q} b_x$

$\dot{L}$   $\Delta\sigma\sigma\cdot\dot{q} b$   $p$   $b$   $\dot{L} j\cdot\nabla\Gamma d b$ ,  $\triangleright p\dot{L}\sigma$ ):  $q q^c$   
 $\dot{L}$   $b p a$   $\Delta\sigma\sigma\cdot\dot{q} b$   $p$   $b$   $\dot{L} j\cdot\nabla\Gamma d b_x$

$\dot{L}$   $\nabla\triangleleft\dot{p}\dot{a}b\cdot\sigma r\cdot\dot{q}$   $\Delta\sigma\sigma\cdot\dot{q} b$   $(j\dot{r}p r\cdot\dot{q} b$   $($   
 $j\dot{r}q a(c\cdot j)$ ;  $\dot{q} j$   $\cdot b b$   $p$   $b$   $\cap\dot{c}d\dot{a}b$   $\Delta\sigma\sigma\cdot\dot{q} b$ ,  
 $b$   $p$   $b$   $\cap\nabla\sigma\dot{L}b$   $\nabla\triangleleft\dot{p}a b\cdot\sigma r\cdot\dot{q}$   $\Delta\sigma\sigma\cdot\dot{q} b$   $\triangleright\triangleright L$   
 $\triangleleft p a b_x$

$\dot{L}$   $\Delta\sigma\sigma\cdot\dot{q} b$   $p$   $b$   $\dot{L} j\cdot\nabla\Gamma d b$ ,  $\triangleright p\dot{L}\sigma$ ):  $q q^c$   
 $\dot{L}$   $b p a$   $\Delta\sigma\sigma\cdot\dot{q} b$   $p$   $b$   $\dot{L} j\cdot\nabla\Gamma d b_x$

$\Gamma$   $(\hookrightarrow$   $\triangleleft p$   $q$   $\Gamma\sigma\cdot\nabla L b b$   $\sigma\wedge\cdot\triangleleft$   $\Delta\sigma\sigma$   $b$   $\sigma\dot{c}\cdot\Delta p$ -  
 $\dot{L} b p a$ :  $p\dot{L}\sigma$ )  $(\hookrightarrow$ ,  $\triangleleft j$   $\triangleleft\triangleleft$   $p a\cdot\Delta^a$   $p$   $p\dot{L}\sigma$ )  $\Gamma\dot{a}^a$   
 $p$   $b$   $\hookrightarrow\cdot\nabla\sigma\Gamma d\dot{a}^a_x$

$p\dot{L}\sigma$ )  $p$   $b$   $\hookrightarrow\cdot\nabla\sigma\Gamma d\dot{a}^a$ :  $b$   $\Gamma j U$   $\triangleleft p a b$   $b$   
 $(a p\sigma r^a$   $\triangleright$   $b$   $\dot{a}\sigma\dot{L}\cdot\sigma\Gamma d\dot{a}^a_x$

$c$   $p r$   $\wedge f q a\dot{c} d r$   $\cdot\nabla\triangleleft r\Gamma a b$ ,  $b$   $\cdot\nabla p r\Gamma a b$ ,  $b$   $\triangleleft$   
 $\dot{c}\sigma r^b$   $\triangleleft\dot{L}b$ ;

$b$   $\Delta f$   $\cdot\nabla\triangleleft d\triangleleft\sigma^a$   $\triangleright b b$ ),  $d a d L$   $\Delta f\cdot\nabla\triangleleft^c$ ,  $b$   $\triangleleft$   
 $b p\sigma b$   $q$   $\triangleleft\sigma$   $\Delta f\cdot\nabla\triangleleft b$   $b p q b\Gamma b_x$   $\nabla\Gamma a_x$

$\P$   $\dot{a} v$   $(\hookrightarrow$   $b$   $\triangleleft$   $\Delta\cdot q$   $p$   $\cdot\triangleleft\dot{a} r^a\cdot b\dot{a}\wedge(c\cdot\dot{q})$   $U\nabla^a p q\sigma r^a$   $\triangleright$   $\Delta r\sigma$ -  
 $\cdot\triangleleft b\sigma\sigma$ ,  $\triangleleft b\Gamma\nabla\Delta p\dot{L}$   $(\hookrightarrow$   $v a^a b$   $\Delta\dot{L}$   $p$   $\sigma\dot{c}\dot{a} b$ ,  $b$   $p$   $\Delta a\dot{L}\Gamma b\triangleleft\Delta c\cdot\dot{q}$   
 $(\Delta p)_x$

$U\nabla^a p q b^a$ ,  $\hookrightarrow\cdot\nabla\sigma\Gamma f\dot{a}^a_x$

α·θ·ΔΣΔ·∇·Δ<sup>α</sup><sub>x</sub> — X, ζ·∇σΓΣ<sup>α</sup><sub>x</sub>

Δ↳Γ∇·ΔΡ<sup>Δ</sup><sub>Lx</sub> — UV<sup>α</sup>ρ<sup>α</sup>↳<sup>α</sup>, ζ·∇σΓΣ<sup>α</sup><sub>x</sub>

·∇↯Γd↳<sup>α</sup> ρρρρδ<sup>αβ</sup> ∇<sup>α</sup>↳<sup>α</sup>, ( ρρΔΛU<sup>α</sup>↳·b<sup>c</sup> ρ<sup>c</sup>  
 ΔΣσb<sup>ρ</sup>·Δ<sup>α</sup><sub>x</sub> ρ<sup>c</sup> ΔΡ<sup>Δ</sup><sub>L</sub>·Δ·Δ<sup>α</sup> ( (·ρρσ<sub>ρ</sub>Lb<sup>c</sup><sub>x</sub> ∇Σ-  
 α<sup>c</sup>(·∇<sup>α</sup>(L<sup>α</sup> ( ρρb<sup>ρ</sup>U ΔΔL ΔΡ<sup>αβ</sup> ↳<sup>α</sup>d<sup>b</sup> ρρρρδ<sup>αβ</sup><sub>x</sub>  
 ΓΣΣ<sup>α</sup> α<sup>c</sup>d<sup>L</sup> ρρb<sup>b</sup> ρ Δ<sup>α</sup>ρ Λ↳Πρ↳<sup>αβ</sup><sub>x</sub> Δ·V↯σ-  
 ΓΣ<sup>α</sup> (ζ σ LρΔΣρρ·Δσ<sup>α</sup>σ<sup>α</sup>, ∇Σ Δ·V↯σL<sup>α</sup>ρ·↳  
 ΔΡ<sup>ο</sup> b Lρ)(·Δ↳Γ<sup>α</sup>ρ<sup>c</sup><sub>x</sub> ρd ΔΣ·ΔΣΣb<sup>α</sup>ρ<sup>α</sup> b·ρ-  
 ΠVσ<sup>α</sup>Π·Δσ<sup>αβ</sup>; Γ↳·ρ<sup>α</sup>L·ΔΣ<sup>α</sup> (ζ b ↳<sup>α</sup>(αρ<sup>α</sup><sub>x</sub>  
 ∇Γ<sup>α</sup><sub>x</sub>

Δ↳Γ∇·ΔΡ<sup>Δ</sup><sub>Lx</sub> — ▷ UV<sup>α</sup>ρ<sup>α</sup>↳<sup>α</sup>, Λ↳ρΔδ<sup>b</sup> ρ <Γ-  
 ↳<sup>α</sup> b<sup>c</sup> ρ <Γ↳bσ·ρ<sup>L</sup>;

α·θ·ΔΣΔ·∇·Δ<sup>α</sup><sub>x</sub> — ∇Vσ↳(·Δ·b<sup>c</sup><sub>x</sub>

Δ↳Γ∇·ΔΡ<sup>Δ</sup><sub>Lx</sub> — ▷ UV<sup>α</sup>ρ<sup>α</sup>↳<sup>α</sup>, ρ Λσ (Σ·ρ·Δσ<sup>αβ</sup>  
 Λ Δ<sup>α</sup>ρ α<sup>c</sup>↳Δ↳·Δδ<sup>b</sup> ·Δ)↳<sup>α</sup>ρ·Δσσ;

α·θ·ΔΣΔ·∇·Δ<sup>α</sup><sub>x</sub> — ↳<sup>α</sup> (ζ ↳<sup>α</sup> ·Δ)↳·Δδ<sup>b</sup><sub>x</sub>

Δ↳Γ∇·ΔΡ<sup>Δ</sup><sub>Lx</sub> — ρ L↳↳·Δρ·Δσ<sup>αβ</sup> b<sup>α</sup>·∇σΓδ<sup>b</sup><sub>x</sub>,

α·θ·ΔΣΔ·∇·Δ<sup>α</sup><sub>x</sub> — Δ<sup>α</sup>ρ↳<sup>α</sup>ο Δ<sup>α</sup>ρ Δσ<sup>ο</sup> ·Δ↳ Lρ)-  
 ↳<sup>α</sup>·Δ↳<sup>α</sup><sub>x</sub>

Δ↳Γ∇·ΔΡ<sup>Δ</sup><sub>Lx</sub> — ▷ UV<sup>α</sup>ρ<sup>α</sup>↳<sup>α</sup>, Λρ<sup>α</sup>(α σ<sup>α</sup> Δ↳-  
 ΓΔ·Δσ<sup>α</sup>σ<sup>α</sup><sub>x</sub>

α·θ·ΔΣΔ·∇·Δ<sup>α</sup><sub>x</sub> — ↳<sup>α</sup> (ζ σ ↳<sup>α</sup>·Δρ·Δσ<sup>α</sup>σ<sup>α</sup> ρ  
 ↳ ΔΠρd<sup>α</sup><sub>x</sub>



ΔΨΓ∇·ΔΡΛ<sub>x</sub>

▷ ∇<~ΔΨ Δ ΡΖΛσ)Λ<sup>α</sup>, ΔΨ<sup>α</sup> Δ ΡΖΛσ)Λ<sup>α</sup>, γβ<  
 ▷ ΡΖΛσ)Λ<sup>α</sup>, Γω)·Δδ<sup>α</sup> Δδ Ρ <Γ(β<sup>α</sup><sub>α</sub>, ΡΠβ(·  
 Ψ·Δδ<sup>α</sup> (≈ βΡΘ ΑΨΠΡ·Δ ΡΠβΡβσσ ΔΔΨ ΔΥ-  
 Δ·ΔΨ<sup>α</sup>, ΔΔ<sup>α</sup> (≈ δ<sup>α</sup> ρδ<sup>α</sup> ρ Δ<sup>α</sup>Ρ Ρρ<sup>α</sup>(·ΔΨ·ρ<sup>α</sup> Ρ Ασ  
 ΔΡ)·Δσ<sup>α</sup>β Ψ Ψ Γ ΔΨΡρ·ΔΨ<sub>x</sub> ΡΠΨβ<Γδ<sup>α</sup>, Δ UV-  
 Ρρ<sup>α</sup><sub>α</sub>, ΡΡΡΨδ<sup>α</sup> Δ<sup>α</sup>Ρ, Γω)δ<sup>α</sup> (≈<sub>x</sub> β<sup>α</sup> (≈ Ρ ΔΨ-  
 σ<sup>α</sup>ΔΛ·Δ·Ψ Ρ Γω)ρ·Δσσ ΔΨ<sup>α</sup> ∇<~ΔΨ β<sup>α</sup> γγ,  
 Ρ Δ<sup>α</sup>Ρ ΔΨΑΡ Γ·σσ·ΔΨ, Γ γ Ψ <ΡΥ<sup>α</sup>(<sup>α</sup> Ρ ΔΨ-  
 σ<sup>α</sup>ΔΛ·Δ·Ψ Ρ Γω)ρ·Δσσ Δδ Ρ <Γ(β<sup>α</sup><sub>α</sub> ·Δ<sup>α</sup>·ΔΨ  
 Ρ Υ·Υ(·ΔΨ Ρ <sup>α</sup><sub>α</sub>(·∇<sup>α</sup>(·Δσσ β<sup>α</sup> Ψ<sup>α</sup> Ρ β<sup>α</sup>·∇-  
 σΓδ·ΔΨ Ρ <sup>α</sup>(Ψ·Δσσ Ρ Ρ (σ<sup>α</sup>·ΔΨ Ρ ΨΡΔ·∇·Δσ<sup>α</sup>β  
 Ασ<sup>α</sup> Δ<sup>α</sup>·β<sup>α</sup>σ<sup>α</sup> Δ ΑΨΠΡ·Δσ·ΔΨ, ·Δ<sup>α</sup> Δ<sup>α</sup>Ρ Ρ<sup>α</sup> γ X  
 ΠΥσΓΨΓ<sup>α</sup><sub>x</sub> ∇Γ<sup>α</sup><sub>x</sub>

¶ ΔΨΓ∇ΔΡΛ β<sup>α</sup> ΔΔ Δ β <ΔΠρ<sup>α</sup> ρ<sup>α</sup>Λ<sup>α</sup> ΔΑΨΠΡ<sup>α</sup> Δ·ρ Ρ  
 ΔσΨσ<sup>α</sup>Ρ<sup>α</sup><sub>x</sub>

▷ Ζ·∇<sup>α</sup>Ρρ<sup>α</sup><sub>α</sub> UV<sup>α</sup>Ρρ<sup>α</sup><sub>α</sub>, β<sup>α</sup> ·∇<sup>α</sup>ΡΓδ<sup>α</sup><sub>α</sub> ΡΡΡ-  
 Ψδ<sup>α</sup>β ∇<sup>α</sup><sub>α</sub>, ρ<sup>α</sup> Ρ γ·∇<sup>α</sup>Ρρ·Δ Γσ·∇<sup>α</sup><sub>α</sub> ·∇<sup>α</sup>Ρ Δσ  
 σ·ΔΡΔΠ·ΔΨ Δσσ·Δ<sup>α</sup>, Ρ <sup>α</sup><sub>α</sub>(Ψ·Δσ<sup>α</sup>β Ρ γ·∇<sup>α</sup>Ρ-  
 ρ·Δ ·Δ)β·Δ·Ψ Δδ <sup>α</sup><sub>α</sub>·ΔΨ Ρ σ·ΔΡ<sup>α</sup>·ΔΨ<sup>α</sup> β<sup>α</sup> Ρ  
 ΑΨΠΡ·ΔΨ Λσ)·Δ ΨΡΔ)·Δσ<sup>α</sup>β β<sup>α</sup> ·β<sup>α</sup>·βΠΡ·Δσ<sup>α</sup>β  
 Ρ Ρ ·ΔΨ·ΔΨ ΔσΨσ<sup>α</sup>·Δ<sup>α</sup> Ρ β<sup>α</sup>ΠΨσ·Δ β<sup>α</sup>  
 σ·<β·Δ ΔΛΡσ<sup>α</sup>, Ρ Δ<sup>α</sup>Ρ ΨΨ·∇Γδ<sup>α</sup><sub>α</sub> β<sup>α</sup>

ΡΥσΓδ<sup>α</sup> ·Δ<sup>α</sup> Δ<sup>α</sup> ρ ρ<sup>α</sup> X UVσΓ<sup>α</sup>Γ<sup>α</sup>ρ<sup>α</sup><sub>x</sub>  
 ▽<sup>α</sup><sub>x</sub>

▷ ΡΥΛσ), ρ ρ<sup>α</sup>Λ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup> Δ<sup>α</sup> ρ ·▽<sup>α</sup>Δ<sup>α</sup> β<sup>α</sup>  
 Δ<sup>α</sup>Δ<sup>α</sup> ρ<sup>α</sup> ρ Δ<sup>α</sup>Δ<sup>α</sup>·Δ<sup>α</sup>; β<sup>α</sup> δ<sup>α</sup> ρ<sup>α</sup> β<sup>α</sup> ρ Δ<sup>α</sup>  
 Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>, β<sup>α</sup> ρ Δ<sup>α</sup>·▽<sup>α</sup> Δ<sup>α</sup>Δ<sup>α</sup> Δ<sup>α</sup> ρ β<sup>α</sup> ρ Δ<sup>α</sup>Δ<sup>α</sup>·  
 σ<sup>α</sup>·Δ<sup>α</sup> ρ α<sup>α</sup>·Δ<sup>α</sup> β<sup>α</sup> ρ<sup>α</sup> Δ<sup>α</sup>Δ<sup>α</sup>·Δ<sup>α</sup>σ<sup>α</sup> Δ<sup>α</sup>·ρ ρ  
 Δ<sup>α</sup>ρ<sup>α</sup>; β<sup>α</sup> ρ ρ ·Δ<sup>α</sup>Π<sup>α</sup>Δ<sup>α</sup>·Δ<sup>α</sup> β<sup>α</sup> ρ ·Δ<sup>α</sup>·Δ<sup>α</sup>Δ<sup>α</sup>·Δ<sup>α</sup> β<sup>α</sup> ρ ρ  
 ρ<sup>α</sup>β<sup>α</sup> ρ Δ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup> Δ<sup>α</sup> β<sup>α</sup> ρ σ<sup>α</sup>Δ<sup>α</sup>·Δ<sup>α</sup>Π<sup>α</sup>·  
 Δ<sup>α</sup>σ<sup>α</sup>: ▷ ΡΥΛσ), ρ<sup>α</sup>Δ<sup>α</sup>·Δ<sup>α</sup> Δ<sup>α</sup> Δ<sup>α</sup>·▽<sup>α</sup>Δ<sup>α</sup>·Δ<sup>α</sup>  
 ρ ·Δ<sup>α</sup>Π<sup>α</sup>Δ<sup>α</sup>·Δ<sup>α</sup> Δ<sup>α</sup>Δ<sup>α</sup> ρ Δ<sup>α</sup>Δ<sup>α</sup>·Δ<sup>α</sup>β<sup>α</sup>, ρ Δ<sup>α</sup> ρ ·Δ<sup>α</sup>·  
 Π<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup> Δ<sup>α</sup>Δ<sup>α</sup>·Δ<sup>α</sup>Π<sup>α</sup>·Δ<sup>α</sup>σ<sup>α</sup> β<sup>α</sup> ρ Δ<sup>α</sup>Δ<sup>α</sup>·Δ<sup>α</sup>σ<sup>α</sup>  
 X<sup>α</sup>Δ<sup>α</sup>, β<sup>α</sup> Δ<sup>α</sup> Δ<sup>α</sup>Δ<sup>α</sup>·Δ<sup>α</sup>σ<sup>α</sup>Δ<sup>α</sup>; ρ<sup>α</sup>Δ<sup>α</sup>·Δ<sup>α</sup>Δ<sup>α</sup> Δ<sup>α</sup> Δ<sup>α</sup>  
 ρ Δ<sup>α</sup>Δ<sup>α</sup>·Δ<sup>α</sup> Δ<sup>α</sup>σ<sup>α</sup> ρ Δ<sup>α</sup>Δ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup> Δ<sup>α</sup>  
 ▽<sup>α</sup>Δ<sup>α</sup> ρ<sup>α</sup> Δ<sup>α</sup>·Δ<sup>α</sup> [Δ<sup>α</sup> X β<sup>α</sup> ρ Δ<sup>α</sup>Δ<sup>α</sup> Δ<sup>α</sup> Δ<sup>α</sup>  
 Δ<sup>α</sup>Δ<sup>α</sup>·Δ<sup>α</sup>σ<sup>α</sup>Δ<sup>α</sup>, β<sup>α</sup> ρ Δ<sup>α</sup>Π<sup>α</sup>Δ<sup>α</sup> Δ<sup>α</sup>σ<sup>α</sup> Δ<sup>α</sup> ρ  
 Δ<sup>α</sup>Δ<sup>α</sup> β<sup>α</sup> β<sup>α</sup>·▽<sup>α</sup>Δ<sup>α</sup> Δ<sup>α</sup>Δ<sup>α</sup>·Δ<sup>α</sup> Π<sup>α</sup>Δ<sup>α</sup>·▽<sup>α</sup>·Δ<sup>α</sup>Δ<sup>α</sup>,]  
 ·Δ<sup>α</sup> Δ<sup>α</sup> β<sup>α</sup> ρ Δ<sup>α</sup>Δ<sup>α</sup> β<sup>α</sup> α<sup>α</sup>·▽<sup>α</sup>Δ<sup>α</sup> ρ U·V·Δ<sup>α</sup> β<sup>α</sup>  
 α<sup>α</sup>·Δ<sup>α</sup> Δ<sup>α</sup>Δ<sup>α</sup>, β<sup>α</sup> ρ ρ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup>σ<sup>α</sup>, σ<sup>α</sup>·Δ<sup>α</sup>·  
 Δ<sup>α</sup>σ<sup>α</sup>, β<sup>α</sup> Δ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup>σ<sup>α</sup> ρ Δ<sup>α</sup> ρ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup>  
 Δ<sup>α</sup>σ<sup>α</sup> Δ<sup>α</sup>σ<sup>α</sup> β<sup>α</sup> Δ<sup>α</sup>Δ<sup>α</sup>·Δ<sup>α</sup> Δ<sup>α</sup>·Δ<sup>α</sup><sub>x</sub> ▷ UV<sup>α</sup>ρ<sup>α</sup>Δ<sup>α</sup>,  
 Γ<sup>α</sup>ρ<sup>α</sup> Δ<sup>α</sup>, Γ<sup>α</sup>Δ<sup>α</sup>·Δ<sup>α</sup>Δ<sup>α</sup>, Δ<sup>α</sup>Δ<sup>α</sup>·Δ<sup>α</sup>Δ<sup>α</sup> ρ ρ Δ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup>  
 ρ β<sup>α</sup> ρ Δ<sup>α</sup>·Δ<sup>α</sup>·Δ<sup>α</sup>σ<sup>α</sup>, ·Δ<sup>α</sup> Δ<sup>α</sup> ρ ρ<sup>α</sup> X UVσΓ<sup>α</sup>·  
 Γ<sup>α</sup>ρ<sup>α</sup> ▽<sup>α</sup><sub>x</sub>

¶ Δ<sup>α</sup>·Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup> ( ρ ρ Δ<sup>α</sup>),

Δ<sup>α</sup>·Δ<sup>α</sup> Δ<sup>α</sup>·Δ<sup>α</sup> ρ<sup>α</sup>Δ<sup>α</sup> ΡΥΛσ), Δ<sup>α</sup>Δ<sup>α</sup> β<sup>α</sup> ρ Δ<sup>α</sup>Δ<sup>α</sup>

Δσ<sup>ο</sup> σ(Λ ΡσΡδ<sub>Δ</sub>σ<sup>ο</sup> Δ(Λ<sup>ε</sup> β<sub>4</sub> Δ<sup>ε</sup><sub>ε</sub>, β<sub>4</sub> β Ρ  
 Λσ<sub>Δ</sub> β<sub>4</sub> ·ΔΠΘ<sub>Δ</sub> ΔΔ<sub>Δ</sub> ·ΔΠΘ·Δσ<sup>ε</sup><sub>ε</sub>; Ρ β ·Δ  
 4 Δ<sub>Δ</sub>σ<sub>Δ</sub>Δ<sub>Δ</sub>Δ<sub>Δ</sub>Δ<sub>Δ</sub> Δσ·Δ<sub>Δ</sub>Π<sub>Δ</sub>·Δ<sub>Δ</sub> Δ<sub>Δ</sub>·Δ<sub>Δ</sub>Π<sub>Δ</sub>β<sub>Δ</sub> Ρ  
 4 Δ<sub>Δ</sub>σ<sub>Δ</sub>·Δσ<sup>ε</sup><sub>ε</sub>, Ρ β ·Δ Λσ<sub>Δ</sub>Δ<sub>Δ</sub>Δ<sub>Δ</sub> 4, β<sub>4</sub> Γ<sub>Δ</sub>Δ<sub>Δ</sub>Δ<sub>Δ</sub>,  
 Ρ Δ<sub>Δ</sub>σ<sub>Δ</sub>(Γ<sub>Δ</sub>β Ρ<sub>Δ</sub>·Δ<sub>Δ</sub>·Δ<sub>Δ</sub> β<sub>4</sub> Ρ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sub>Δ</sub> β<sub>4</sub> Ρ Ρ  
 ·Δ<sub>Δ</sub>Λ<sub>Δ</sub>Π<sub>Δ</sub>Γ<sub>Δ</sub>)<sub>Δ</sub> Λσ Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δσ<sup>ε</sup><sub>ε</sub> Γ<sub>Δ</sub>β 9 Λ<sub>Δ</sub>Π<sub>Δ</sub>-  
 ·Δ<sub>Δ</sub>·9<sub>Δ</sub> Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub>

¶ Γ<sub>Δ</sub> Δ<sub>Δ</sub>Γ<sub>Δ</sub>Δ<sub>Δ</sub>Δ<sub>Δ</sub> Δ<sub>Δ</sub> Δ<sub>Δ</sub> Δ<sub>Δ</sub>β<sub>Δ</sub>·9<sub>Δ</sub>

β<sub>Δ</sub> Ρ<sub>Δ</sub>·Δ<sub>Δ</sub> ·Δ<sub>Δ</sub>Π<sub>Δ</sub>β<sub>Δ</sub> β<sub>4</sub> Ρ<sub>Δ</sub>·Δ<sub>Δ</sub> Δ<sub>Δ</sub>σ<sub>Δ</sub>(Γ<sub>Δ</sub>β Ρ  
 Δ<sub>Δ</sub>Λ<sub>Δ</sub>Δ<sub>Δ</sub>Δ<sub>Δ</sub> Δ<sub>Δ</sub> Λσ Δ<sub>Δ</sub>·Δ<sub>Δ</sub>Λ<sub>Δ</sub>·Δ<sub>Δ</sub> Ρ ·Δ<sub>Δ</sub>Π<sub>Δ</sub>Δ<sub>Δ</sub>σ<sub>Δ</sub>-  
 ·Δ<sub>Δ</sub> β<sub>Δ</sub>, Λ<sub>Δ</sub>σ<sub>Δ</sub>(Δ<sub>Δ</sub>β Δ<sub>Δ</sub>Π<sub>Δ</sub>Δ<sub>Δ</sub> Δ<sub>Δ</sub> Λσ Δ<sub>Δ</sub>Λ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sub>Δ</sub>  
 Δ<sub>Δ</sub>β 9 Δ<sub>Δ</sub>·Δ<sub>Δ</sub>·Δ<sub>Δ</sub>Δ<sub>Δ</sub> Δ<sub>Δ</sub> ·Δ<sub>Δ</sub>Π<sub>Δ</sub>Δ<sub>Δ</sub>βσ<sub>Δ</sub>·Δ<sub>Δ</sub>·Δ<sub>Δ</sub> β<sub>4</sub> Δ<sub>Δ</sub>·9<sub>Δ</sub>·Δ<sub>Δ</sub> Δ<sub>Δ</sub>  
 Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sub>Δ</sub>·Δ<sub>Δ</sub>Δ<sub>Δ</sub>

Δ<sub>Δ</sub>σ<sub>Δ</sub> Δ<sub>Δ</sub> Δ<sub>Δ</sub> Δ<sub>Δ</sub> Δ<sub>Δ</sub>Λ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sub>Δ</sub>β Ρ Δ<sub>Δ</sub>Λ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sub>Δ</sub>β  
 Δσ<sup>ο</sup> Δ<sub>Δ</sub>Δ<sub>Δ</sub>Δ<sub>Δ</sub> Δσ<sub>Δ</sub>·Δ<sub>Δ</sub>, Δ<sub>Δ</sub>Δ<sub>Δ</sub> <9Λ<sub>Δ</sub>Δ<sub>Δ</sub>βσ<sup>ε</sup><sub>ε</sub> Δ<sub>Δ</sub> 4  
 Δ<sub>Δ</sub>Δ<sub>Δ</sub>Δ<sub>Δ</sub> β<sub>Δ</sub> Δ<sub>Δ</sub>·Δ<sub>Δ</sub> ·Δ<sub>Δ</sub>·Δ<sub>Δ</sub>σ<sub>Δ</sub>σ<sub>Δ</sub>; Δ<sub>Δ</sub>β<sub>Δ</sub>, Δ<sub>Δ</sub>Δ<sub>Δ</sub>β<sub>Δ</sub>  
 Ρ ·Δ<sub>Δ</sub>Π<sub>Δ</sub>Δ<sub>Δ</sub>βσ<sub>Δ</sub>·Δ<sub>Δ</sub> Δ<sub>Δ</sub>·X β Δ<sub>Δ</sub>Λ<sub>Δ</sub> Δ<sub>Δ</sub>β<sub>Δ</sub> Δ<sub>Δ</sub>·Δ<sub>Δ</sub>Γ<sub>Δ</sub>·Δ<sub>Δ</sub>-  
 ·Δσ<sub>Δ</sub>σ<sub>Δ</sub>Δ<sub>Δ</sub>, β<sub>4</sub> β Ρ <ΡΠσΠ<sub>Δ</sub> Δσ<sup>ο</sup> Δ<sub>Δ</sub>σ<sub>Δ</sub>, Ρ Ρ  
 Λσ<sub>Δ</sub>β<sub>Δ</sub> Ρ Ρ<sub>Δ</sub>Λ<sub>Δ</sub>Ρ<sub>Δ</sub>β<sub>Δ</sub> σ<sub>Δ</sub>Λσ Δ<sub>Δ</sub>β<sub>Δ</sub>·Δσ<sub>Δ</sub>σ<sub>Δ</sub> Δ<sub>Δ</sub>σ<sub>Δ</sub>; Ρ Δ<sub>Δ</sub>σ<sub>Δ</sub>-  
 (Δ<sub>Δ</sub>β Ρ<sub>Δ</sub>Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sub>Δ</sub> Δ<sub>Δ</sub>Γ<sub>Δ</sub>·Δσ<sub>Δ</sub>σ<sub>Δ</sub>·Δ<sub>Δ</sub> β<sub>Δ</sub>9 Ρ Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sub>Δ</sub>-  
 Δ<sub>Δ</sub>σ<sub>Δ</sub>σ<sub>Δ</sub> β<sub>4</sub> Δ<sub>Δ</sub>Ρ<sub>Δ</sub>Δ<sub>Δ</sub>σ<sub>Δ</sub>σ<sub>Δ</sub> β<sub>4</sub> Δ<sub>Δ</sub> β<sub>Δ</sub>9 Ρ Δ<sub>Δ</sub>Δ<sub>Δ</sub>σ<sub>Δ</sub>σ<sub>Δ</sub>  
 Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub>; Ρ Λσ<sub>Δ</sub>σ<sub>Δ</sub>σ<sub>Δ</sub> 4, β<sub>4</sub> Ρ Δ<sub>Δ</sub>Ρ<sub>Δ</sub>Δ<sub>Δ</sub>σ<sub>Δ</sub>σ<sub>Δ</sub> Γ<sub>Δ</sub>  
 4 9 Δ<sub>Δ</sub>Λ<sub>Δ</sub> Δ<sub>Δ</sub>β<sub>Δ</sub>·Δ<sub>Δ</sub>Δ<sub>Δ</sub> Δ<sub>Δ</sub>β<sub>Δ</sub> Δ<sub>Δ</sub> ·Δ<sub>Δ</sub>Π<sub>Δ</sub>Δ<sub>Δ</sub>βσ<sub>Δ</sub>·Δ<sub>Δ</sub>·Δ<sub>Δ</sub> Δ<sub>Δ</sub>  
 Π<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sub>Δ</sub>·Δ<sub>Δ</sub>·Δ<sub>Δ</sub>·Δ<sub>Δ</sub>Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub> Δ<sub>Δ</sub>β<sub>Δ</sub>β<sub>Δ</sub>·Δ<sub>Δ</sub>·Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub>-  
 Π<sub>Δ</sub> 4: Δ<sub>Δ</sub>β<sub>Δ</sub> β<sub>Δ</sub>·Δ<sub>Δ</sub> ·Δ<sub>Δ</sub>β<sub>Δ</sub> Δ<sub>Δ</sub> Δ<sub>Δ</sub>β<sub>Δ</sub> Δ<sub>Δ</sub> ·Δ<sub>Δ</sub>β<sub>Δ</sub>β<sub>Δ</sub>Δ<sub>Δ</sub>

Γ<sup>α</sup> ΠΛ<sub>α</sub>•∇ Δ•Δ<sup>β</sup><sub>γ</sub>, Δ βα<sub>α</sub>(•∇<sup>α</sup>ζ<sup>α</sup> (ς Δ  
 ΡΖ•Δ<sup>α</sup>)ζ<sup>α</sup> Ἰ<sup>β</sup> UV<sub>α</sub>Ρ<sub>β</sub> Ρ βα•∇σ<sup>β</sup>Δ<sup>α</sup> Δ<sup>α</sup> Δ<sup>β</sup>-  
 ΓΔ<sup>α</sup>•Δσσ<sup>α</sup>Δ<sup>α</sup> : Δ<sup>α</sup>Δ<sup>β</sup> Ρ Γ<sub>α</sub>α<sup>α</sup>Δ<sup>α</sup>Γ<sup>α</sup> Δ<sup>α</sup>•Δ<sup>α</sup>Δ<sup>α</sup>,  
 •Δ<sup>α</sup>Γ<sub>α</sub>Δ<sup>α</sup> β<sub>α</sub> Δβα<sub>α</sub>Δ<sup>α</sup> Γ<sup>α</sup> γ ΔΔ Δ<sup>α</sup>Ρ Δσσ Ρ  
 αβ<sup>α</sup>Δ<sup>α</sup> Δ<sup>α</sup>Δ<sup>α</sup> β<sub>α</sub> Δ<sup>α</sup>Ρ<sup>α</sup>, Ρ •Δ<sup>α</sup>•Δ<sup>α</sup> (ς Δ •ΔΠΘΔ<sup>α</sup>Δ<sup>α</sup>;  
 ΔΔ α<sup>α</sup>•Δ<sup>α</sup> (ς Ρ V<sub>α</sub>Δ<sup>α</sup>•Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup> Δ<sup>α</sup>Δ<sup>α</sup> γ ΔΔ ἸΔ<sup>α</sup>-  
 (•∇<sup>α</sup>ζ<sup>α</sup>•β<sup>α</sup>; σ<sup>α</sup>Δ<sup>α</sup> Δ<sup>α</sup>σ<sup>α</sup>Δ<sup>α</sup> (ς X β<sub>α</sub> Δ<sup>α</sup> Δ<sup>α</sup>Δ<sup>α</sup>ΓΔ<sup>α</sup>•Δσ-  
 σ<sup>α</sup>Δ<sup>α</sup> Γ (ς ΔΔ<sup>α</sup> Δ<sup>α</sup>Ρ βα<sub>α</sub> ∇<sup>α</sup>(Δ<sup>α</sup>Δ<sup>α</sup> Δ<sup>α</sup> β<sup>α</sup> ἸΡΔ<sup>α</sup>  
 •Δ<sup>α</sup>Δ<sup>α</sup> Ἰ<sup>β</sup> ∇Δ<sup>α</sup> ἸΡΔΠ<sup>α</sup>Δ<sup>α</sup>

β<sub>α</sub> (ς Γ Δ<sup>α</sup>Δ<sup>α</sup> α<sup>α</sup>Δ<sup>α</sup> Δ<sup>α</sup>σ<sup>α</sup>Δ<sup>α</sup> Δ<sup>α</sup> Δ<sup>α</sup> Δ<sup>α</sup> Δ<sup>α</sup> βα<sub>α</sub>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>  
 Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>; α<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>, ἸΡΔΔ<sup>α</sup> Ρ •ΔΠΘΔ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>, αΔ<sup>α</sup> Δ<sup>α</sup>  
 (ς Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>

α<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup> γ β<sub>α</sub> ∇Ρ<sup>α</sup>Δ<sup>α</sup> Δ<sup>α</sup>Δ<sup>α</sup>, X Δ<sup>α</sup> Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>-  
 Δ<sup>α</sup>Δ<sup>α</sup>, Δ<sup>α</sup>Δ<sup>α</sup> ΠΛ<sub>α</sub>•∇ •Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>, Ρ βα<sub>α</sub>Δ<sup>α</sup>Δ<sup>α</sup> βα<sub>α</sub>  
 •Δ<sup>α</sup>ΠΘσ<sup>α</sup>Δ<sup>α</sup>; Ρ<sub>α</sub>Δ<sup>α</sup> α<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>, •Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup> Ρ •ΔΠ-  
 ΘΔ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup> Ἰ<sup>β</sup> ∇Δ<sup>α</sup> Ρ<sub>α</sub>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>; Ρ ΡUσ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup> Ρ •ΔΠ-  
 ΘΔ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup> Ἰ<sup>β</sup> α<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>, β<sub>α</sub> Ρ ΔVσ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>  
 Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup> Ρ Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup> Δ<sup>α</sup>Δ<sup>α</sup> Γσ<sup>α</sup>•∇•Δ<sup>α</sup> Δ<sup>α</sup>Δ<sup>α</sup> Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>, Ρ<sup>α</sup>  
 Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup> Ρ ΡΔ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>

Δ<sup>α</sup>Δ<sup>α</sup> Ρ Ρ Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup> Δ<sup>α</sup>Δ<sup>α</sup> α<sup>α</sup>Δ<sup>α</sup> Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>  
 Γ γ Δ β<sub>α</sub> Ρ<sub>α</sub>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>, Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup> γ β<sub>α</sub> Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>  
 Δ<sup>α</sup>Δ<sup>α</sup> Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup> Ρ α<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>, ∇Δ<sup>α</sup> Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>  
 ΡΡ Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>Δ<sup>α</sup>

<σ<sub>τ</sub><sup>υ</sup> < Γ ΔΔ<sub>Δ</sub> q<sub>Δ</sub>< Δ<sup>c</sup> Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sup>α</sup><sub>α</sub> ρ  
 Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sub>Δ</sub> Δ<sup>α</sup> Δ<sub>Δ</sub>Δ<sub>Δ</sub> Δ<sup>α</sup> Δ<sub>Δ</sub> ρ<sup>c</sup> Δ<sub>Δ</sub> ρ<sub>Δ</sub>  
 Δ<sub>Δ</sub>Δ<sub>Δ</sub>; Δ·q<sub>Δ</sub><sup>b</sup>, ΔΔ<sub>Δ</sub><sup>b</sup> Δ ρ Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sub>Δ</sub> Δ<sub>Δ</sub>  
 UV<sub>Δ</sub>ρ<sub>Δ</sub> ρ Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sub>Δ</sub>Δ<sub>Δ</sub>, Δ<sub>Δ</sub> Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub>  
 ·Δ<sub>Δ</sub>, Δ<sub>Δ</sub> X ρ Δ<sub>Δ</sub>Δ<sub>Δ</sub> Δ<sup>c</sup> Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sup>α</sup><sub>α</sub>; ·Δ<sub>Δ</sub>  
 Δ<sub>Δ</sub> Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub> Γ<sub>Δ</sub>·Δ<sub>Δ</sub> Γ (Δ<sub>Δ</sub> Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sup>α</sup><sub>α</sub>  
 Δ<sub>Δ</sub>Δ<sub>Δ</sub> ρ ΔΔ<sub>Δ</sub>·Δ<sub>Δ</sub>Δ<sub>Δ</sub> X<sub>Δ</sub>, Γ Δ<sub>Δ</sub> Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub> ρ ΔΔ<sub>Δ</sub>  
 ·Δ<sub>Δ</sub>Δ<sub>Δ</sub> Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sub>Δ</sub>Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub> Γ<sub>Δ</sub>·Δ<sub>Δ</sub> (Δ<sub>Δ</sub>  
 Δ<sub>Δ</sub>), Δ<sub>Δ</sub> Δ<sub>Δ</sub> Δ<sub>Δ</sub> Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub> ρ Δ<sub>Δ</sub>Δ<sub>Δ</sub> Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub>

Δ<sub>Δ</sub> Δ<sup>c</sup> Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sup>α</sup><sub>α</sub> ρ Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sub>Δ</sub> Δ<sup>α</sup> Δ<sub>Δ</sub>  
 Δ<sup>α</sup>Δ<sub>Δ</sub> <σ<sub>τ</sub><sup>υ</sup> < ρ Γ<sub>Δ</sub>Δ<sub>Δ</sub> Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sub>Δ</sub>  
 q<sub>Δ</sub>Δ<sub>Δ</sub>; Δ·q<sub>Δ</sub><sup>b</sup>, ΔΔ<sub>Δ</sub>·Δ<sub>Δ</sub> ρ Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sub>Δ</sub>, Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub>  
 UV<sub>Δ</sub>ρ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub>

<σ<sub>τ</sub><sup>υ</sup> Δ<sub>Δ</sub> Δ<sub>Δ</sub> ρ Γ<sub>Δ</sub> ρ<sub>Δ</sub>Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sub>Δ</sub>, ρ Δ<sub>Δ</sub>Δ<sub>Δ</sub>  
 ρ<sub>Δ</sub>·Δ<sub>Δ</sub> Δ·q<sub>Δ</sub><sup>b</sup>, ΔΔ<sub>Δ</sub><sup>b</sup> ρ Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sub>Δ</sub>; ρ<sub>Δ</sub>Δ<sub>Δ</sub> Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub>  
 (Δ<sub>Δ</sub>·Δ<sub>Δ</sub>Δ<sub>Δ</sub> Δ<sub>Δ</sub>)·Δ<sup>α</sup><sub>α</sub>, Γ Δ<sub>Δ</sub> Δ<sub>Δ</sub> ρ Δ<sub>Δ</sub>Δ<sub>Δ</sub>Δ<sub>Δ</sub>Δ<sub>Δ</sub>  
 Δ<sub>Δ</sub>)·Δ<sub>Δ</sub> ρ Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sub>Δ</sub> ·Δ<sub>Δ</sub>·Δ<sub>Δ</sub> Δ<sup>c</sup> Δ<sub>Δ</sub>·Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sup>α</sup><sub>α</sub>,  
 Δ<sub>Δ</sub> ·Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sub>Δ</sub> ρ Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sup>α</sup><sub>α</sub> Δ<sub>Δ</sub>·Δ<sub>Δ</sub> ρ<sub>Δ</sub>·Δ<sub>Δ</sub>  
 ·Δ<sub>Δ</sub>·Δ<sub>Δ</sub> ρ ·Δ<sub>Δ</sub>·Δ<sub>Δ</sub>Δ<sub>Δ</sub> q<sub>Δ</sub> Δ<sub>Δ</sub> Δ<sub>Δ</sub>·Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub> ρ  
 Δ<sub>Δ</sub>Δ<sub>Δ</sub>Δ<sub>Δ</sub> Γ<sub>Δ</sub>Δ<sub>Δ</sub>Δ<sub>Δ</sub> Δ<sub>Δ</sub> ρ Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sub>Δ</sub>Δ<sub>Δ</sub> Δ<sub>Δ</sub>·Δ<sub>Δ</sub>  
 Δ<sub>Δ</sub> ·Δ<sub>Δ</sub>·Δ<sub>Δ</sub> Δ<sub>Δ</sub> ρ Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sub>Δ</sub>Δ<sub>Δ</sub> ·Δ<sub>Δ</sub>Δ<sub>Δ</sub>Δ<sub>Δ</sub> Δ<sub>Δ</sub>·Δ<sub>Δ</sub>  
 Δ<sub>Δ</sub> Δ<sub>Δ</sub> Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub> Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub> Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub>,  
 Γ Δ<sub>Δ</sub> Δ<sub>Δ</sub> ·Δ<sub>Δ</sub>·Δ<sub>Δ</sub> ·Δ<sub>Δ</sub>·Δ<sub>Δ</sub> Δ<sub>Δ</sub> Δ<sub>Δ</sub>Δ<sub>Δ</sub>·Δ<sub>Δ</sub>

[illegible]

9 ΔS ΔΔb·ΔΔ·C → ΔΔ<sup>u</sup><sub>x</sub>

$$\nabla \cdot \nabla \Delta p_L \approx (\Delta p)_x$$
[illegible]

St. John xi. 25, 26.

ማዋረቱ ዋ ለጊባሪ ሄጊባሪያ, ከፋ ማረፊያ  
 ለዋሪ ልጅጅጅ ዋሪያ ለጊባሪያ ለጊባሪያ  
 ለጊባሪያ ለጊባሪያ ለጊባሪያ ለጊባሪያ  
 ለጊባሪያ ለጊባሪያ ለጊባሪያ ለጊባሪያ  
 ለጊባሪያ ለጊባሪያ ለጊባሪያ ለጊባሪያ  
 ለጊባሪያ ለጊባሪያ ለጊባሪያ ለጊባሪያ  
 ለጊባሪያ ለጊባሪያ ለጊባሪያ ለጊባሪያ

$$\dot{b} \cdot \Delta^a \leq q d^a \rho \rho \wedge \Gamma^a \triangleright \triangleright \dot{L} \triangleright \rho^a b, \dot{b} \leq \dot{L} \cdot \dot{b} -$$

$$2^a \dot{c} \cdot b^c \ q d^a \ \rho \ \triangleright^a \Gamma \ \dot{L} \Gamma \cdot \Delta^a b_x \ \cup \nabla^a \rho q \ \Gamma \sigma \cdot \nabla,$$

UV<sub>2</sub> ԲԳԼ ԻՆ ԸՇԼՏ.Վ; ԲՍԸ.ԵՈՏ ՍՎ<sub>2</sub> ԲԳԼ ԸՇ  
 ԸՏՏԵԼ.ԸԸ 1 Tim vi. 7x Job i. 21.

$$\Gamma \left( \sum_{i=1}^n \Delta P_i \right) \leq \sigma \cdot \Delta^{ab} \gg \sigma b \cdot \Delta^{ax}$$
$$\sigma^a \rho \Delta \rho), \sigma \dot{b} \dot{a} \dot{a} b (\cdot \nabla^a \dot{c}_x \quad \sigma b \cdot \Delta^a \text{ xxxix.}$$
$$\sigma^a \rho \Delta \rho), \sigma^b \dot{a} \dot{a} b (\nabla^a (a \sigma^c \Delta \mathcal{F} \cdot \nabla \wedge \mathcal{F} \cdot \Delta^a : \\ \cap \mathcal{L} \Delta \mathcal{F} \mathcal{F} \mathcal{F} \cdot \dot{\Delta}^a \sigma^a \cup \sigma \sigma^a b_x$$
$$\sigma^a \dot{b} \Gamma^a \Gamma \dot{a}^a \text{ } ^\wedge \sigma^a)^a \dot{\text{L}} \dot{\text{L}} \text{ } ^9 > ) \cap \wedge \Gamma \dot{b} U^b \text{ } ^7 \cdot \dot{b} \rho$$
$$b_Q \cdot \dot{\Delta} < L \cdot \dot{b} \text{ } ^7 \Gamma \Delta \mathcal{F} \cdot \nabla \wedge r \cdot \dot{\Delta}^{l_x}$$

$\sigma^2 \in \mathcal{P}(\Lambda) \cdot \nabla$ ,  $\dot{b} \cdot \Delta^2$  (ና  $\dot{\Gamma} \dot{\Delta}^2$   $\sigma^2 \in \Delta \mathcal{P}$ ) $\gamma$ ;  
 $\dot{b} \cdot \dot{\Delta}^2$   $b_{29}$   $\sigma^2 \in \Delta \mathcal{P}$ ) $\gamma$   $\dot{b} \cdot \Delta^2$   $\dot{\Delta}^2$   $\Gamma_{\Delta}$   $\Delta \mathcal{P}$   $\cdot \Delta^2$ ;  
 $\sigma^2 \in \cdot \Delta^2$   $\gamma_{29}$   $(\Gamma \Delta d^2$  (ና,  $\dot{b} \in \sigma^2 \in b_{29}$   $(\Gamma \Delta d_{2x}$

[illegible]

UV<sub>2</sub>የፃጅ, የፃጅ(ΓΔያ የ Δኃ.ፅኑ ማ ለ፲በጊ.Δ, ፅፋ ማርገዎ ሙ የፆፊ; ገ የ ረኃ.ፅጊግፊ ልል ም ምፅ ለ፲በጊፅ<sub>x</sub>

$a \leq 9$ ,  $p \mid \Delta f$   $\Rightarrow$   $\sigma \mid p f b L \mid \bar{L} \mid \sigma d) d \Delta b \mid p$   
 $\Delta \cdot b b$ ;  $b \mid c \mid \sigma \mid \Delta \wedge \bar{c} \mid n \mid \Delta \mid \bar{b} \cdot \Delta \mid b a 9 \mid q d \mid$   
 $\Delta \mid \sigma \mid \bar{c} \mid b \mid r \mid \sigma \mid \Delta \mid \bar{a} \mid \bar{p} \mid$ ;  $q q \mid \bar{c} \mid b p \mid \Delta \mid \nabla \mid \sigma \mid \bar{v} \mid \bar{L} \mid n \mid \bar{r} \mid$   
 $U \mid c \mid \Delta \mid \sigma \mid \Delta \mid \sigma \mid \bar{c} \mid d \mid r \mid x$

[illegible]











[illegible][illegible]

$\Delta\sigma\sigma \quad \Delta\cdot q^{ab} \quad \dot{b} \quad \triangleright^a \dot{c} \dot{N}^b \quad \triangleleft \dot{r}_a \quad \nabla c \quad \wedge \dot{L} \dot{N}^r,$   
 $\perp^s \rho \tau^s \dot{b} \dot{d} \quad a \tau \dot{b} U^a (J \cdot \Delta \sigma \sigma)_x \quad \wedge \quad \triangleright^L \wedge \rho, \quad L \sigma \mathcal{F} b \sigma \cdot \Delta$   
 $(^s \dot{L} \dot{L} \quad \cdot \dot{\triangleleft} \wedge d^a; \quad \triangleright \mathcal{F} J \quad \dot{L} \dot{L} \quad q d^a \quad \eta \dot{b} U^r^{ab}, \quad \dot{b} \cdot \Delta^a \quad \dot{b} \triangleleft$   
 $\cdot \Delta \dot{b} \quad \vee \mathcal{F} \cdot b \sigma^{ab} \quad \mathcal{C} \mathcal{F} q^r_x$

$\Gamma \cdot b$   $\rho$   $\wedge L \cap \Gamma \rightarrow a^b$   $\sigma \rightarrow \Delta \sigma^a b$   $\rho^c$   $\Delta a(\sigma \rightarrow \Gamma a :$   
 $\Delta \cdot \nabla \rightarrow a$  ( $\rightarrow$   $q$   $\rho$   $< \cdot \rho \vee \sigma L a \rho b$   $\Gamma \cdot \Delta$ )  $b \cdot \Delta \rightarrow \Gamma a b$ ,  $\dot{\rho} a$   $\hookrightarrow$   
 $\nabla c$ ,  $\triangleright$   $UV a \rho q \rightarrow a$   $\dot{\rho} a$   $\cdot b \rightarrow b$   $\cdot \nabla a \Gamma$   $a \nabla a(\Gamma \cdot \Delta a$   $\sigma$   
 $L \Gamma \Delta \Gamma \cdot \nabla \wedge \Gamma \cdot \Delta \sigma \dot{a} \sigma^a x$

$$\nabla_{\sigma} \cdot \nabla^b \quad (s, \triangleright \quad UV^a \rho q \triangleright_e \quad \rho \mathcal{L}_{\sigma}), \quad \dot{\mathbb{L}} \cdot \Delta \rho$$







$$\dot{\Delta} \hookrightarrow \Gamma \dot{\Delta} \cdot \Delta^{\alpha_x}$$
[illegible]

▷  $\zeta \cdot \nabla \rho \cdot \Delta^a$  ከ  $\Delta^0$   $UV\sigma\Gamma_{\Delta^a}$  ጥን  $X$ , ከ  
▷ ከ  $\rho \Delta \cdot \nabla \cdot \Delta^a$   $\rho \nabla \Delta^a$ , ከ ▷  $\cdot \Delta \rho \cdot \nabla \Delta^a \cdot \nabla \Delta^a$   
◁  $\sigma \rho^b$   $\Delta^b$ , ከ  $\sigma^b$  ከ  $\rho$  ከ  $\cdot \Delta \cdot \Delta \rho \cdot \Delta \Delta^a_x$   $\nabla \Gamma_{\Delta^a_x}$

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